

SB445

SB445



**A GENERAL CATALOGUE
OF
FARM VEGETABLE
FLOWER AND TREE
SEEDS**

IMPLEMENTS FOR FARM & GARDEN

**ANIMAL MEDICINES, FERTILIZERS
INSECTICIDES, STOCK FOODS, POULTRY
FOODS AND RURAL BOOKS**

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A DESCRIPTIVE CATALOGUE
OF
FARM SEEDS
VEGETABLE SEEDS
FLOWER SEEDS and
TREE SEEDS
and
Farm & Garden Implements
with Comprehensive Lists of
Animal Medicines
Fertilisers and Insecticides
and including
A Catalogue of the latest
Books
for the
Farmer and the Gardener

Issued jointly by

THE ASSOCIATED FIRMS :

C. Starke & Co. Ltd.

*Agricultural and Horticultural
Seedsmen and Nurserymen*

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AND

Charles Ayres

*The Cape Florist, Nurseryman and Seedsman
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118 St. George's St., Cape Town

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Descriptive Catalogue OF SEEDS FOR THE Farm and Garden

1933

It will always be our endeavour to supply the very best Seeds, true to the description given in this Catalogue, but it is a condition of sale of all Seeds sent out by us that, though we give you our assurance that we are using all reasonable care in the selection, we accept no responsibility in regard to the crop or failure of crop. All orders are booked on the understanding that these conditions are agreed to, and we also notify to the same effect on the Invoice. If the conditions are not acceptable to you the goods should be returned at once.

Quotations are without engagement, but where the price is mentioned on the order we will refer back for confirmation if an increased rate has to be charged. If we fail to do this, the goods can be returned if the price is not approved.

When we are unable to supply the exact variety ordered, we use our best judgment as to substituting other varieties. Any such substitutions are always made with a due regard to season, locality and other conditions so far as known to us.

The substituted varieties are sent for your approval, and, while we hope and feel sure that you will agree to what we have done with a desire to serve your best interests, you are at liberty to send back any such goods and we will promptly credit you with their value.

"KUDU" BRAND.

This Trade Mark is registered throughout South Africa by C. STARKE & CO., LTD., who are the sole proprietors of the mark, and no other firm or company has any right to make use of it.



It is a symbol of quality and honest endeavour. In connection with seeds it implies that everything possible has been done to safeguard the buyer. The utmost care is always used in discriminating as to "purity, vitality and quality."

Various methods are used to secure these results. Crops are arranged for and are grown from seed of our selection. Arrangements are made for the roguing of the crops and selection of specimens. Germination tests are made on arrival of the seed and at intervals afterwards.

The same precautions are taken with Imported Seeds in regard to germination, and of course they are only bought from the world's most reliable Growers and Seedsmen.

In addition, we use the finest seed-cleaning machinery and use it freely. The nett result is something better than you get in the ordinary way.

**FIVE PER CENT. CAN BE DEDUCTED IF CASH IS
SENT WITH ORDER.**

Cereals—Graan.

We are listing a very complete range of **Cereals**—finest Western Province quality—and it will cost you no more to sow our **Recleaned Seed** because you can sow it thinner and get a better yield. In our cleaning processes the poorer grains are eliminated and consequently they do not produce plants to compete for the plant food and space that should be reserved for the stronger plants produced from the better seed. **It always pays to sow better seed!**

Pretoria Branch.—To find the price, **delivered Pretoria**, of any article on this page, add 1/6 per 100 lbs to cover cost of railage.

RECLEANEED SEED WHEAT—SAAD KORING.		A.	25lbs	100lbs	200lbs
Bobriet. —Bearded. A Bobs-Rieti cross, considerably earlier than “Rieti,” grain resembles “Gluyas” but darker, strong grower, tillers well	...	...	4/6	15/-	27/6
Burbank. —Tip-bearded. Similar to “Florence” and nearly as early	...	...	4/6	15/-	27/6
Durr. —Tip-bearded. Early, fairly strong straw, a good yielder	...	...	4/6	15/-	27/6
Florence. —Tip-bearded. Perhaps the earliest of all varieties, has proved highly rust-resistant, a good white milling wheat	...	...	4/6	15/-	27/6
Ford. —Tip-bearded. Medium-early, very heavy yielder, good white milling wheat	...	...	5/-	17/6	32/6
Gluretty. —Bearded. Finest of all the Gluyas-Rieti crosses and the best for our local conditions	...	...	4/6	15/-	27/6
Gluyas Early. —Tip-bearded. Highly rust-resistant, good yielder, does not shell easily, an old and well tried favourite	...	...	4/6	15/-	27/6
Kleintrou. —Tip-bearded. Grain small white plump and soft; straw, thin erect and medium height, tillers well, medium-late, good yielder	...	...	4/6	15/-	27/6
Kruger. —Beardless. Early, beautiful white grain of good milling quality, good rust resister, tillers well, good yielder but has weak straw	...	...	5/-	17/6	32/6
Union 52. —Tip-bearded. Strong grower, grain white and very uniform, earliest of all “Union” selections, recommended for coastal area, especially for light rainfall...	...	...	4/6	15/-	27/6
RECLEANEED SEED OATS—SAAD HAWER.		A.	25lbs	100lbs	150lbs
Algerian. —Universally grown in the Western Province and standard variety for Cape Oathay, also unsurpassed for grazing purposes or for a grain crop	Local seed	...	3/-	10/-	12/6
	Imported seed	...	4/-	13/-	17/6
Sunrise. —A good white oat which is proving very successful in the Western Province, rust-resistant and very early	...	...	3/-	10/-	13/6
Texas. —Splendid for a grain crop or for hay	...	...	3/-	10/-	12/6
RECLEANEED SEED BARLEY—SAAD GARS.		A.	25lbs	100lbs	150lbs
Cape Early. —Like “Cape Six-rowed,” but a more rapid grower, very largely used for early green forage crops	...	...	3/3	11/6	15/-
Cape Six-Rowed. —Probably the greatest yielder in existence and very largely used by the Breweries for malting purposes	...	...	3/3	11/6	15/-
RECLEANEED BARLEY-WHEAT—KAAL GARS.		A.	25lbs	100lbs	200lbs
Indian Barley. —Bearded. A skinless barley grown for green forage but will also yield a heavy grain crop; not quite so early as the beardless type	...	...	2/9	9/-	16/-
Nepal or Barley-Wheat. —Beardless. A skinless barley which is grown for the earliest green forage, the absence of awns is an advantage for green forage	...	...	4/9	16/-	30/-
RECLEANEED SEED RYE—SAAD ROG.		A.	25lbs	100lbs	200lbs
Cape Early. —A rapid grower and heavy yielder of the type known as Spring Rye; universally used in the Coastal grain districts	...	...	3/9	13/6	25/-

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

Cereals—Graan.

MAIZE—MIELIES.

We offer Selected Seed Maize of all the best varieties, as listed below. When required for green forage or for silage a cheaper grade of seed may often be used without detriment to the crop and we are always in a position to quote specially for such requirements. Please write us about it.

Pretoria Branch.—Being nearer to the source of production, our Pretoria Branch can usually quote cheaper prices for seed maize than is possible from Mowbray stocks. When the seed has to be railled from here the price, **delivered Pretoria**, is found by adding 1/6 per 100 lbs to cover cost of railage.

SELECTED SEED MAIZE—SAAD MIELIES.

	A.	25lbs	100lbs	200lbs
Bread Mealies. —White Dent. A soft white variety giving a high percentage of sifted meal, and very fine for green mealies for table	...	8/-	30/-	55/-
Chester County. —Yellow Dent. A quick-maturing variety, well suited to a short season; large cobs, closely packed.	...	5/6	18/6	35/-
Early Wisconsin. —White Dent. Very much like "Silver King" but not quite so early.	...	5/6	18/6	35/-
Flat White (Hickory King Type). —For a green-forage crop this is unsurpassed	...	3/-	10/6	18/6
Hickory King. —White Dent. Large flat grain, heavy cropper, late.	...	5/6	18/6	35/-
Orangia Yellow. —Yellow Flint. Probably most largely grown of all varieties, medium-early, a sure cropper, splendid grain	...	3/-	10/6	18/6
Potchefstroom Pearl. —White Dent. Medium-early, broad flat grain which yields a high percentage of sifted meal, reliable variety	...	5/6	18/6	35/-
White Congo. —White Flint. A popular white round variety much resembling Orangia Yellow except in colour of seed, suited to similar climatic conditions	...	5/6	18/6	35/-

SORGHUMS.

On land that will grow Maize you may also sow any of the Sorghums with equal success and one of the most useful of these is Sudan Grass. This is not nearly so coarse or tall in growth as the other Sorghums and is well named as it is more like a grass than any of them. It makes splendid hay and may also be grown for grazing purposes but of course it is an annual, lasting only the one season.

Pretoria Branch.—Sorghums, when quoted at more than 30/- per 100lbs., will be supplied at Pretoria for the same price. When the price is 30/- or less 1/6 per 100lbs must be added, to cover the cost of railage, except when local supplies are available.

SORGHUMS.

	D	1 lb	25 lbs	100 lbs
Early Amber Cane. —A saccharine variety and a great favourite for fodder and silage	...	6d	8/6	30/-
Improved Evergreen Broom Corn. —The brush is firm and of good length and retains its light green colouring	...	9d	15/-	50/-
Sudan Grass. —Has thinner stems and narrower foliage than other Sorghums; cures well for hay; a fine variety, now extensively grown.	...	9d	15/-	50/-

MILLETS.

For Green Forage Crops there is nothing better than a good Millet. "Japan Barnyard" is undoubtedly the best on reasonably good soil, but "Proso" and "Pearl" Millet are also excellent varieties and will stand more hardships than the first named. "Pearl" Millet in particular is capable of growing on hot, sandy soil which would not support any other similar crop. All the Millets are summer growers and may be sown from September onwards. Don't sow the Pearl Millet too early because it is intolerant of cold conditions.

Pretoria Branch.—Millets, when quoted at more than 30/- per 100lbs., will be supplied at Pretoria for the same price. When the price is 30/- or less 1/6 per 100lbs must be added, to cover the cost of railage, except when local supplies are available.

FOR BEST RESULTS SOW STARKE'S TESTED SEEDS.

Cereals—Graan.

MILLETS.

	D.	1 lb	25 lbs	100 lbs
Boer Manna. —A popular variety for hay in the Transvaal, also excellent for forage and silage crops ...	6d	8/-	30/-	
Red Manna. —In type this resembles Boer Manna; heavy yielder; grain very attractive in appearance ...	6d	8/-	30/-	
Japan Barnyard Millet. —One of the best Millets, whether for hay, silage or forage, and also excellent for a grain crop ...	6d	7/-	25/-	
Pearl Millet. —Unsurpassed for hot, dry and sandy situations; the hardest in this respect of all the Millets ...	6d	4/-	15/-	
Proso Millet. —The finest for a grain crop and also a very good forage or silage crop; hardy and drought resistant ...	8d	11/6	40/-	

STARKE'S GRAIN PASTURE MIXTURE.

The best grazing varieties of Oats, Barley, Rye, Crimson Clover, Vetches and Rape are combined in this mixture in suitable proportion to give full and palatable grazing for **Livestock** and **Poultry** in the late autumn, winter and spring.

This mixture may be sown in early autumn and again in early spring. The quickest growing ingredient, Dwarf Essex Rape, will furnish grazing in six to eight weeks, under favourable conditions, and from then a succession of nutritious pasturage will follow until the natural spring and summer grazing is in full growth.

Sow 60 lbs. per acre. Price: 30 lbs 7/-; 60 lbs 12/6; 100 lbs 17/6. **D**

Pretoria Prices: 30 lbs 7/6; 60 lbs 13/6; 100 lbs 19/-.

THE "KUDU" PROCESS OF FORMALDEHYDE TREATMENT FOR SMUT IN GRAIN.

The **Kudu-Formal** treatment for smut is simple and effective. It is now almost universally used by the most successful grain farmers of the Western Province who find it easier to work and more reliable than the old liming process.

The spores of smut are found everywhere, every season, and it is imperative that all seed should be treated before sowing. To omit this precaution is to jeopardise your crop and fortunately the trouble and expense involved are so slight that none need omit it.

The seed may be treated on a clean floor or tarpaulin by spraying the solution over and working the seed over continually to make sure that every part of the seed is thoroughly wetted. Then work the grain up into a heap and allow to remain overnight, or for at least 5 hours, covered with sacks to keep in the gas that is generated. Afterwards, remove the covering and spread the seed sufficiently to allow it to dry off for sowing.

Another method is by dipping and that also is described in the directions sent with every package of **Kudu-Formal**.

Price: Kudu-Formal.—Per 1 lb bot. 1/9; packed for post 2/9 (postage 2/-).
Per 1 gal. tin 8/6, ½ gal. 5/6, 1 gal. jar 13/6, ½ gal. jar 8/6. **E**

At Pretoria: Per 1 lb bot. 2/-; 1 gal. tin 9/6; ½ gal. 6/-.

IMPROVE YOUR LAND

You can improve your land and feed your animals at the same time by sowing **Lucerne** on your grain lands. Sow it in the last crop before leaving the ground to rest. It will improve the pasture and you will get a better crop of grain when you begin the next rotation. You need not spend much on it, you can sow anything from 10 to 25 lbs per acre and it will pay you well. You need not buy expensive seed for this purpose. We have a cheap grade of seed which is unsuitable for export but quite suitable for this job. It does not matter if there is a little dodder in it because that will not hurt your pasture and will be destroyed next time you plough the land. May is the best time for sowing this seed in the Western Province. If you can not sow it in May, try it later, perhaps in August. Sow it broadcast after the grain has been sown and harrow it in with a light harrow. Don't let it be covered too deeply. You can sow it in any grain crop. It won't hurt a wheat crop. It won't spoil an oat hay crop. It won't bring any impurity in any grain crop. It will feed your cows and sheep better next summer.

Cheap Lucerne Seed for Grain Lands: Per 10 lbs 3/-; 25 lbs 6/-; 100 lbs 20/-.
Less 5 per cent. if Cash is sent with Order. **D**

At Pretoria: Per 10 lbs 3/3; 25 lbs 6/6; 100 lbs 21/6.

Grasses—Grasse.

It is necessary to use careful judgment about the time for sowing Grasses and it is a little difficult for us to advise definitely about this matter because conditions vary so much in South Africa and the advice that would suit one part might mean failure elsewhere. We think growers will be helped most reliably if we point out that there are roughly two sets of conditions prevailing and these arise out of the fact that there is a summer rainfall in certain areas as against a winter rainfall in others. Both these areas can grow grasses quite successfully but irrigation must play an important part in the process under certain conditions.

The main point is to decide whether we shall sow in autumn, or in spring or early summer. There are not many grasses that are suitable for spring sowing under winter rainfall. Most of the European grasses are better sown in autumn under such conditions. Under summer rainfall, however, conditions are quite different and it is necessary to sow grasses at the most favourable time. When that time is must be determined in each district by growers accustomed to the local conditions.

Where irrigation is possible the Rye Grasses and other European grasses are frequently sown in March even under summer rainfall and that approximates to the Western Province practice of sowing in autumn. Here it is preferably April or May but only because the earlier rains are insufficient. It would be better if we could sow earlier.

The preparation of the soil for pasture grasses is a matter of the utmost importance. It can not be too well done. It is very necessary that the soil should be worked to a very fine tilth. This is important because many of the grass seeds are very small and if the surface is rough before sowing many will be too deeply covered while others will lie too near the surface and may be scorched before they can take root.

Mixtures are usually sown at the rate of 30 lbs per acre but when certain varieties are sown alone the quantity varies according to the variety.

The seed is sown with a small broadcast seeder, such as the "Cyclone" or the "Cahoon" Seeder, or it may be broadcasted by hand. This latter method requires great care to ensure even distribution and it may be necessary to mix the seed with some fine material to increase the bulk. This requires great care to ensure proper mixing.

Before sowing the seed bed should be very carefully compacted by rolling. The object is to provide a firm seed bed in which the young seedlings can take root quickly and from which the moisture will not be too readily evaporated. A fine tilth and loose surface about an inch in depth will provide these conditions. It follows that after rolling the soil will again be scarified with a light harrow.

The next operation is the covering of the seed and it needs even greater care than the preceding. The seed may be covered with a light bush-drag or by rolling once and light harrowing afterwards—any method that will ensure even covering may be used. If the soil has been thus well prepared and the fates are kind to you so that favourable weather prevails, a good growth can be expected, but much damage may be done by a few days of hot and dry weather immediately after sowing. The careful and experienced farmer will have the soil prepared well in advance and the seed ready at hand waiting for favourable weather conditions.

When such conditions prevail the seed can be sown without any delay and will thus be able to take full advantage of them.

During recent years there has been much progress in the establishment of pasture and there are now growers in the Western Province who sow large quantities of seed annually.

Several grasses have proved valuable which have hitherto been neglected. The following are a few of them. Herd's Grass, Yorkshire Fog, Kentucky Blue Grass and Akaroa Cocksfoot.

The use of Clover in pasture mixtures continues to give favourable results and for this purpose Wild White Clover is particularly desirable. We are fortunately able to offer New Zealand grown seed of this at much lower prices than formerly prevailed for the Wild White variety and this seed is now very extensively used by our best growers. You will find it quoted in the Clover section of this catalogue.

Grasses—Grasse.

If you have a **PASTURE PROBLEM** send it to us. Give us full information regarding the conditions and we will help you all we can. If we think you have a fair chance of success with it we will suggest a mixture specially for your requirements. We have done the same before for many other pastoralists and almost invariably the results have been favourable. Let us try to help you also. We can assure you that we will not recommend you to sow what we do not expect will be successful under the conditions you name. We do not attempt to get business in that way because we want permanent business just as badly as you want a permanent pasture. Ask others around you who have dealt with us. They will tell you that that is not our way.

Quantity to Sow.—In the case of Pasture Mixtures 30 lbs per acre is the usual quantity sown and it is always advisable to give a good seeding.

Most grasses sown alone are seeded at the rate of from 25 to 30 lbs per acre. The following exceptions may be noted: *Phalaris tuberosa* about 8 lbs; *Teff* about 6 lbs; the Rye Grasses always about 30 lbs.

Pretoria Branch.—All prices quoted in this section will apply equally at Pretoria without any addition for railage.

COCKSFOOT.

(*Dactylis glomerata*)

This is a hardy perennial pasture grass which is well suited to cold districts and thrives equally well in milder areas. It stands constant grazing very well and tolerates considerable shade. There are several strains available.

	E.	1 lb	25 lbs	100 lbs
Akaroa Cocksfoot. —This strain is claimed to be one of the finest fodder producing varieties in the world to-day. This seed is grown in New Zealand. ...	1/3	27/6	100/-	
Danish Cocksfoot. —Denmark is a big producer of Cocksfoot seed of finest quality ...	1/3	27/6	100/-	

FESCUE.

There are numerous Fescues and they vary considerably in form but all are hardy, the hardiest being New Zealand Tall Fescue.

	E.	1 lb	25 lbs	100 lbs
Chewing's Fescue (<i>Festuca duriuscula</i>).—Dwarf habit, good drought resister, specially recommended for Golf Links, Bowling Greens, Croquet Lawns and similar uses ...	2/-	40/-	145/-	
Meadow Fescue (<i>Festuca pratensis</i>).—Excellent perennial for pasture, liked by all stock and makes good hay. ...	1/3	25/-	80/-	
New Zealand Tall Fescue (<i>Festuca arundinacea</i>).—This is even hardier than the ordinary Tall Fescue, <i>F. elatior</i> , and is the kind generally grown in New Zealand ...	1/9	35/-	125/-	
Red Fescue (<i>Festuca rubra</i>).—This species has a creeping root-stock and is capable of withstanding a great deal of drought; valuable in pasture mixtures and also useful for lawns, golf links and similar purposes ...	1/6	30/-	110/-	
Sheep's Fescue (<i>Festuca ovina</i>).—One of the smaller Fescues, valuable in pasture for sheep and also of considerable advantage in lawn mixtures, tending to give a fine, close turf ...	2/-	42/6	165/-	
Tall Fescue (<i>Festuca elatior</i>).—A very hardy perennial, succeeds under widely differing conditions and has proved valuable on the high veld ...	2/3	47/6	175/-	

APPRECIATIONS.

Haakdoorn, 19th June, 1932.—The grass seed you supplied to me through _____ germinated very well, particularly Rhodes, Lucerne, Rye, and all the Clovers. These pastures are going to be a wonderful thing for the dairy farmer. I am certainly going to put down some more.

Stellenbosch, Sept. 23rd, 1932.—I find Starke's Tested Seeds everything that can be desired. The little booklet "My Garden" which you regularly send me has come in very handy. Thanks very much!

Grootfontein, 1.6.32.—Your seeds are giving, as they always have done, entire satisfaction. I enclose an order which please forward C.O.D.

Grasses—Grasse.

RYE GRASS—ROGGRAS.

There are many forms of Rye Grass, varying in their permanency, principally. When sowing Perennial Rye Grass it is an excellent plan to sow the less permanent varieties in mixture with it because they give a quick return while the slower but more permanent perennial variety is establishing itself.

	E.	1 lb	25 lbs	100 lbs
Italian Rye Grass (<i>Lolium multiflorum</i>).—A biennial hay and pasture grass of very great value	...	8d	12/-	40/-
Perennial Rye Grass (<i>Lolium perenne</i>).—Gives a very permanent pasture which is well worth establishing on suitable land. It is one of the best of grasses, and although it is not easily established on new land it is capable of becoming a permanent grass on the farm in time. It thrives best on old farm lands and will spread naturally under reasonably favourable conditions. It makes splendid hay	...	8d	12/-	40/-
Western Wolths Rye Grass (<i>Lolium sp.</i>).—An annual species and very rapid grower	...	9d	15/-	52/6
Wimmera Rye Grass (<i>Lolium subulatum</i>).—An annual but a remarkably strong grower which re-seeds freely and may thus be regarded as a perennial crop; in Australia this is considered one of the heaviest producers for pasture	...	10d	16/-	55/-

OTHER GRASSES.

	E.	1 lb	25 lbs	100 lbs
Bermuda Grass .—See Couch Grass	...	—	—	—
Brown Top (<i>Agrostis tenuis</i>)	...	4/6	—	—
Buffalo Quick (<i>Stenotaphrum glabrum</i>).—The coarse quick commonly used for lawns at the Cape. Plants only: 5/- per sack.	...	—	—	—
Carpet Grass	...	5/-	—	—
Couch Grass (<i>Cynodon dactylon</i>).—The finest for bowling Greens and lawns that have to withstand hard wear, very drought resistant. Seed not recommended. Plants 7/6 per sack.	...	3/-	55/-	200/-
Creeping Bent Grass (<i>Agrostis stolonifera</i>).—Useful in lawn mixtures owing to its early growth and creeping habit...	...	3/-	60/-	—
Crested Dogtail (<i>Cynosurus cristatus</i>).—Dwarf habit, splendid sheep's grass, good drought resister, excellent for lawns making a dense turf	...	1/6	27/6	100/-
Fine Quick .—See Couch Grass.	...	—	—	—
Herd's Grass (<i>Agrostis vulgaris</i>).—This species tolerates a hot climate and might be tried as a summer grass also.	...	2/3	50/-	190/-
Johnson Grass (<i>Sorghum halepense</i>).—A perennial grass which is closely allied to the well known Sudan Grass.	...	2/-	45/-	175/-
Kentucky Blue Grass (<i>Poa pratensis</i>).—Thrives in wet land, but will also endure considerable drought, an excellent perennial for pasture.	...	1/9	35/-	130/-
Kikuyu Grass (<i>Pennisetum clandestinum</i>).—The great East African grass, splendid for lawns and sporting grounds and for pasture. Plants only: 7/6 per sack, 10 sack lots at 6/6.	...	—	—	—

The continued fertility of your land is dependent upon a suitable rotation of crops and the judicious application of Animal Husbandry to the Grain Farmers' Problem. In this Catalogue crops are listed that make this possible. Grain Farmers should give particular attention to the sections dealing with Legumens and Root Crops.

Grasses—Grasse.

	E	1 lb	25 lbs	100 lbs
Paspalum dilatatum. —The well-known Tussock Grass from Australia, requires warm and moist conditions for several weeks to germinate the seed.	...	1/-	22/6	85/-
Paspalum virgatum. —More upright in growth and better suited to cold districts than <i>P. dilatatum</i>	1/6	32/6	125/-
Phalaris tuberosa (Syn. <i>P. bulbosa</i>).—A great pasture grass and good for hay, sow in autumn or spring or can be grown from root divisions. Per oz. 1/-.	...	8/6	—	—
Rescue Grass (<i>Bromus unioloides</i>).—An annual winter grass which thrives throughout the country and re-seeds itself freely.	...	9d	15/-	50/-
Rhodes Grass (<i>Chloris gayana</i>).—A great drought resister, but is tender to frost. It makes splendid growth in summer and is suitable for pasturing and for hay.	...	2/3	50/-	187/6
Rough-stalked Meadow Grass (<i>Poa trivialis</i>).—This species is recommended for strong moist soils but on lighter lands <i>P. pratensis</i> is to be preferred.	...	1/9	35/-	125/-
Sheep's Burnet (<i>Poterium sanguisorba</i>).—A deep rooting herb adapted to dry sandy soils and hardy to frost, excellent grazing-crop.	...	1/3	25/-	92/6
Sudan Grass (<i>Sorghum vulgare</i>).—A splendid annual grass for summer sowing for grazing or for hay; very rapid grower.	9d	15/-	50/-	
Tall Oat Grass (<i>Avena elatior</i>).—An excellent perennial for hay and pasture giving early and luxuriant growth.	...	2/3	47/6	175/-
Teff Grass. —The great summer hay crop of South Africa, also makes very good pasture.	...	6d	8/6	30/-
Timothy (<i>Phleum pratense</i>).—A nutritious perennial that imparts quality to hay, it should be included in every pasture.	1/3	22/6	80/-	
Wallaby Grass (<i>Danthonia semi-annularis</i>).—A deep rooting drought resistant grass from Australia said to thrive on poor soils where other grasses usually fail.	...	2/6	55/-	—
Yorkshire Fog (<i>Holcus lanatus</i>).—An aggressive grass and in many countries considered a weed, but it is certainly very useful in many parts of South Africa where the finer grasses would fail	...	1/3	21/-	77/6

GRASS MIXTURES. E 15 lbs 30 lbs 100 lbs

No. 1 Pasture Mixture. —For dry situations, winter rains	...	21/-	37/6	100/-
No. 2 Pasture Mixture. —For wet situations, winter rains...	...	21/-	37/6	100/-
No. 3 Pasture Mixture. —For dry situations, summer rains...	...	21/-	37/6	100/-
No. 4 Pasture Mixture. —For wet situations, summer rains	...	21/-	37/6	100/-
Special Highveld Pasture Mixture. —A mixture of grasses specially selected to suit "highveld" conditions	...	25/-	45/-	120/-

APPRECIATIONS.

Potchefstroom, 2.1.33.—I am very glad you opened a branch in the Transvaal. Henceforth you will get all my orders. I was brought up to believe that nobody could beat Starke & Ayres for seeds in the Cape Province.

Ladismith, C.P., 5.12.32.—I am happy to say that the seed I ordered from you is yielding very promising crops, our crops are easily the largest in the district.

Randfontein, Tvl.—Your seeds are excellent and cannot be beaten in this country.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

Lawns—Grasperke.

THEIR PREPARATION AND UPKEEP.

In order to produce a good dense turf of good fine texture it is necessary that the soil should be well prepared beforehand and that the right seed should be used—a mixture containing only the finer grasses and such as do not become tufty. The following notes will be found helpful.

Preparation of the Soil.—This should be taken in hand well in advance and the soil should be worked up again and again to a good depth during the warm weather so that the sun may have an opportunity of penetrating to all parts of the soil and exerting its beneficial influence. Stones and other coarse matter should be removed and the ground thoroughly pulverised wherever necessary. A good Fertilizer should be applied while this preparation is being carried out. The best for the purpose is our **Special Grass Fertilizer** and it should be used at the rate of 4 to 6 ozs. per square yard. After thoroughly working up the soil as described it should be consolidated by rolling or trampling, or other suitable means, and the surface should be raked over carefully to provide a seed-bed.

Sowing the Seed.—In districts with a winter rainfall this should preferably be done in the autumn and **Starke's Kudulawn Grass** should be used at the rate of $\frac{1}{2}$ oz. to the square yard. This thick sowing is necessary in order to provide a dense turf from the start. It is much better to secure a good result at the commencement than to endeavour to patch it afterwards. The seed should be lightly covered by raking or brushing the surface with a bunch of twigs or by dragging a light bush harrow over it and if any uncovered seed remains it should be covered by a light dusting of fine soil.

Top Dressing.—Frequent top dressing with soil is not desirable unless to even up the ground. If the grass is cut frequently the clippings may be allowed to remain on the lawn and will prove of great benefit to it as they decay and provide a good protection to the roots during the hot weather. They also add to the humus in the soil which assists in making the plant food available. A light dressing of our **Special Grass Fertilizer** should be applied each season.

Weeds.—These will always make their appearance in new lawns in spite of the most careful preparation and treatment. They are always present in the soil and must be removed if the finer grasses are to have a fair chance. Hand-weeding is usually resorted to but much can be done by continuous mowing once the lawn grass is well established.

Lawn Grass Seed Mixture.

A good and reliable Lawn Mixture is a necessity for good results whether with new lawns or in the renovation of old lawns that require re-seeding. Our **Kudulawn Mixture** contains only the choicest seeds of the varieties most suited for this purpose, and we have every confidence in recommending it to our clients as the very best and most suitable mixture for the peculiar conditions of this country.

Starke's Kudulawn Mixture.—Per lb 2/6; 10 lbs 20/-; 25 lbs 45/-; 100 lbs 160/-.

KENTUCKY BLUE GRASS.

This grass is included in the **Kudulawn Mixture** but it also makes an excellent lawn when sown alone and is particularly recommended in districts where frosts are severe. It is quoted in page 8 with the pasture grasses. When Kentucky Blue Grass is sown alone the seeding need not be so heavy as recommended for the mixture. If it is carefully treated in every way $\frac{1}{4}$ oz. per square yard should be sufficient.

LAWN GRASSES FROM ROOT CUTTINGS.

Lawn Grasses.—After the first autumn rains is a particularly good time for planting a lawn, thus enabling it to become well established before the cold weather sets in. The following grasses can be supplied for this purpose:

Kikuyu Grass	...	7/6 per sack.	Broad Quick	...	5/- per sack.
Fine Quick	...	7/6 per sack.			

AUSTIN TRACTORS.

We hold the **LARGEST STOCK IN SOUTH AFRICA** of Spare Parts for these popular Farm Tractors. Write or wire us when you are in trouble—perhaps we can help you.

Legumens—Peulplante.

These crops all belong to that most important natural order Leguminosae. They gather nitrogen from the atmosphere without cost to the farmer and are often aptly referred to as "soil renovators." You cannot afford to overlook them.

LUCERNE—LUSERN.

(*Medicago sativa*.)

This is the greatest of all Legumens. In every country where it will grow it is recognised as "The King of Fodder Crops." As a rotation crop it will only be used where conditions are so unfavourable that it cannot be a very permanent crop, because under other conditions it would be too valuable to plough under.

Yet Lucerne may be used as a rotation crop by the grain farmer with very great benefit to his land and to his livestock. Sown with the last crop before resting the land, as is done in the Western Province, it gives very valuable grazing and will work wonders for the soil and give a corresponding benefit and increased yield when the next wheat crop is put on the same land.

For this purpose seed can be used that can not be sold in the ordinary way for seeding for a permanent crop. Dodder is of no consequence under such conditions as the crop will be grazed and the Dodder will not have a chance to establish itself and will finally disappear when the next grain crop is taken. For this special purpose then we can supply at a very cheap price seed that is not suitable for export or for a permanent crop and we invite enquiries from farmers for this and will quote prices that will make it possible to use the seed on a big scale. We are sure this will be of very great advantage to grain growers and will be the means of increasing their crops very considerably.

For export and for permanent crops we offer the very highest grade of seed **free from Dodder** at competitive prices. That we are able to do this is amply proved by the enormous quantities that we have exported during recent years under the very stringent Government Regulations that are in force at present.

Dodder in Lucerne.—All Lucerne Seed sold by us at ordinary catalogue price is "Guaranteed free from Dodder" and by this we mean that if you examine the seed on arrival or send a sample of it to the Government for examination and any dodder whatever is found in it then the seed is to be returned to us and we will pay railage both ways and replace the seed with other which is free from dodder or refund the amount paid for it.

Dodder seed can be disseminated in several ways and it is possible for it to appear in any field at any time even on new ground and that would not necessarily be proof that the seed sown was infested. Therefore, we cannot accept the blame for dodder appearing in the field afterwards if it has not been found in the seed before sowing.

These conditions are perfectly clear and fair to both parties and we cannot under any circumstances accept responsibility beyond this.

Quantity to Sow.—When sown broadcast 25 lbs of Lucerne will sow an acre. If sown in drills from 8 to 12 lbs will be needed, according to the width between the rows.

Pretoria Branch: Prices quoted below for all varieties of Lucerne will apply also at Pretoria without any addition for railage.

LUCERNE AND ALLIED PLANTS.		D. Per 11b	25lbs	100lbs
Cape Lucerne (Provence Type). —More largely used than all other varieties, and large quantities are exported to other countries		6d	10/-	35/-
Finest Recleaned Seed...		1/9	—	—
Chinese Lucerne		...	...	...
Hunter River Lucerne. —Makes earlier growth than other varieties and usually gives a later cutting also		1/-	20/-	70/-
Yellow Trefoil (<i>Medicago lupulina</i>). —As the name implies, this is allied to Lucerne. It is very useful on comparatively poor soils and especially when included in a pasture mixture for sheep and other small stock		1/3	22/6	80/-

Good Seed is Cheap at a Good Price.

Cheap Seed is often dear at any price.

Clovers and Kindred Plants.

KLAVER EN GELYKSOORTIGE PLANTE.

Quantity to Sow.—When sown alone the quantities vary from about 10 lbs to 20 lbs according to variety. When sown in pasture mixtures the quantity would usually be from 2 to 5 lbs per acre according to variety.

Pretoria Prices: With the exception of Horse Beans and Mungo Beans, which are 1/6 per 100 lbs dearer to cover railage, all prices on this page apply also to Pretoria.

	E.	11b	25lbs	100lbs
Alsike Clover (<i>Trifolium hybridum</i>).—A true perennial, well adapted to wet situations, can be grown under irrigation...	1/6	27/6	100/-	
Berseem (<i>Trifolium Alexandrinum</i>).—A valuable clover for autumn sowing, will give 3 or 4 cuts under favourable conditions	2/-	43/6	167/6	
Birdsfoot Trefoil (<i>Lotus corniculatus</i>).—A true perennial, attains maturity the second year; great drought resister and useful for pasture mixtures on high exposed situations...	5/-	—	—	
Broad Red Clover (<i>Trifolium pratense</i>).—One of the best for pasture, likes a fairly heavy loam containing lime	1/9	35/-	125/-	
Chilian Red Clover (<i>Trifolium pratense</i>).—A very vigorous strain of Red Clover	1/9	35/-	125/-	
Crimson Clover (<i>Trifolium incarnatum</i>).—An annual clover for autumn sowing in the warmer districts, gives good winter feed	2/-	40/-	150/-	
Dwarf White Clover (<i>Trifolium repens</i>).—Valuable for permanent pasture, the stems creeping and rooting at the joints...	2/3	50/-	180/-	
Giant Cow Grass (<i>Trifolium pratense perenne</i>).—The perennial form of Red Clover, gives heavy returns under good cultivation	1/9	35/-	125/-	
Greater Birdsfoot Trefoil (<i>Lotus major</i> var. <i>villosus</i>)	7/6	—	—	
Hop Trefoil (<i>Trifolium procumbens</i>).—An annual clover, useful on dry gravelly pastures	2/-	40/-	150/-	
Hubam Clover (<i>Melilotus</i>).—Grows to 6 or 7 feet and stock eat it greedily; a valuable green-manuring crop	2/3	50/-	175/-	
Japan Clover (<i>Lespedeza striata</i>)	7/6	—	—	
Lotus hispidus	5/-	—	—	
Subterranean Clover. —This Clover is proving valuable in Australia, where it is transforming poor land into excellent pasture	2/-	45/-	175/-	
White Blossom Sweet Clover (<i>Biennial</i>).—In America this crop is extending rapidly and is proving valuable for green-manuring, pasture and hay	1/-	20/-	65/-	
Wild White Clover (<i>Trifolium repens</i>).—This is claimed to be better than the ordinary White Clover for pasture but the seed is more expensive	3/3	75/-	280/-	

Beans, Peas, Vetches, etc.

BOONTJIES, ERTJIES, WIKKE, ENZ.

There are both Winter and Summer Crops in this list. The following may be sown in autumn:—Horse Beans, Field Peas, Vetches, Lentils, and Lupins. In spring you may sow the following:—Field Peas, Cowpeas, Vetches and Peanuts.

Quantity to Sow.—This varies enormously according to the size of seed and manner of sowing. The following quantities may be considered approximately correct, broadcast, per acre:—Field Peas, Cowpeas, Lupins, 100 lbs; Vetches, 30 lbs; Peanuts, 25 lbs. Horse Beans would be sown in drills and probably 100 lbs would be needed.

	D.	1 lb	25 lbs	100 lbs
Horse Bean (<i>Vicia faba</i>).—In type this is like the "Broad Bean" of the Vegetable garden, a winter-legume, good for fodder and green-manuring	6d	7/6	27/6	
Mungo Bean (<i>Phaseolus mungo</i>).—In habit this plant resembles the Cowpea but is of more erect growth and should be treated in the same way, valuable for green-manuring and a seed crop	6d	6/9	25/-	

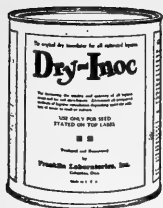
Beans, Peas, Vetches, etc.

BOONTJIES, ERTJIES, WIKKE, ENZ.

Pretoria Prices: Varieties quoted at more than 30/- per 100 lbs will be charged the same price at Pretoria but 1/6 per 100 lbs must be added, to cover cost of railage, when the price is 30/- or less.

	D. Per	1lb	25lbs	100lbs
Soy Bean (<i>Glycine hispida</i>).—"Biloxi." Upright grower, 4 to 5 feet, gives a dense mass of foliage and is a heavy yielder of beans ...	8d	10/-	32/6	
Soy Bean (<i>Glycine hispida</i>).—"Mahogany." A dark-brown seeded variety ...	6d	6/9	25/-	
Soy Bean (<i>Glycine hispida</i>).—"Yellow." This is South African grown seed of an un-named variety ...	6d	6/9	25/-	
Velvet Bean (<i>Mucuna utilis</i>).—A summer crop; splendid for fodder and green-manuring; makes very heavy growth and a good dry crop ...	6d	5/-	17/6	
Blackeye Cowpeas .—Upright. One of the best for a seed crop, the dried beans are usually in good demand at a favourable price ...	6d	6/9	25/-	
Brabham Cowpeas .—Upright. Vigorous grower and holds its foliage well. This variety has been giving splendid results in the Transvaal—one of the best. Imported Seed	1/-	18/6	67/6	
Iron Cowpeas .—Recumbent. A very vigorous grower with large dark green leaves, long pods, well filled, medium early, prolific bearer and said to be rust resistant ...	6d	6/-	20/-	
Whippoorwill Cowpeas .—Upright. A favourite early variety that yields a very heavy cutting for silage or hay. Imported Seed	1/-	17/6	62/6	
White Wonder Cowpeas .—	6d	6/-	20/-	
Wonderful Cowpeas .—Trailing. Better for hay or silage than dry crop as it makes very rank growth and requires a full season to mature Imported seed	1/-	18/6	67/6	
Mixed Cowpeas .—For cheap seeding we offer here seed of good quality but mixed or of any variety that happens to be available at a low price ...	6d	4/-	15/-	
Black-Eyed Susan Peas .—Makes a very heavy growth of herb- age. Large Seeded Type	6d	10/6	40/-	
Cape Field Peas .—Yields heavy growth, splendid for green manuring of orchards and grain lands, or may be used for a dry crop. Per bag of 200 lbs 25/-	6d	3/9	13/6	
Green Field Peas .—Favoured for table purposes on account of the green colour; its merits, otherwise, are about the same as the yellow variety. Per bag of 200 lbs 55/-	6d	8/6	30/-	
Partridge Field Peas .—More rust-resistant than other varieties. Per bag of 200 lbs 47/6	6d	6/9	25/-	
Blue Lupins (<i>Lupinus hirsutus</i>).—A very valuable green-manuring crop for autumn sowing	6d	6/-	21/-	
Spanish Bunch Peanuts (<i>Arachis hypogoea</i>).—Produces a large nut and crops heavily, very popular, excellent for roasting. Imported Seed.	1/3	22/6	85/-	
Valencia Peanuts (<i>Arachis hypogoea</i>).—Large nuts and more to the pod than other varieties, splendid appearance, realises best prices. Imported Seed	1/3	22/6	85/-	
Virginia Peanuts (<i>Arachis hypogoea</i>).—The nuts are of good size and large kernels and the vines furnish excellent forage	6d	7/6	25/-	
Sunn Hemp .—A very valuable green-manuring crop for the Low Veld, can be drilled in with the planter, 10 to 15lbs per acre	6d	9/-	33/-	
English Spring Vetch .—Splendid for green forage, silage or for hay, and may be sown with oats or barley in proportions varying from 10% to 50%	6d	8/6	30/-	
Hairy Vetch .—A small-seeded variety; recommended for sandy soils and cold areas; use 15 lbs per acre if sown alone	8d	12/6	42/-	
Konigsberg Spring Vetch .—In its habits and preferences this is similar to "English Spring"	6d	7/6	27/6	
Peluschkin Vetch .—A large-seeded variety of great merit	6d	6/6	22/6	
Purple Vetch .—Much favoured in cold districts	1/-	15/-	50/-	

“DRY-INOC”ULATE ALL LEGUME SEEDS FOR EFFICIENT GROWTH AND SOIL IMPROVEMENT.



benefactor.

Inoculation increases crop yield, as well as the quality of the crop. Inoculated plants are darker in colour, more vigorous, set more seed and have a better chance to survive adverse weather conditions.

Dry-Inoc is a black powder form. It is merely mixed with the seed before sowing. It sticks to the seed without wetting and is easy to use. Full directions are on each can of Dry-Inoc.

The nitrogen fixing bacteria live in the tiny particles of Dry-Inoc, the base used containing sufficient moisture to maintain bacterial life, although it feels dry and is used dry on dry seed.

The inoculation of seeds has been common practice for many years and it is now realized that good results are obtained only when the following conditions apply:

1. When the seed bed has been properly prepared.
2. When the soil is sweet.
3. When good seeds are used.
4. When the inoculant is fresh and vigorous.

Dry-Inoc is prepared for the following groups of seed. (In ordering always state kind of seed to be inoculated).

Group I.

Alfalfa
Hubam
Burr Clover
Sweet Clover

Group IV.

Navy Bean
String Bean
Wax Bean
Kidney Bean
Garden Bean

Group II.

Red Clover
Mammoth Clover
White Clover
Alsike
Crimson Clover

Group V.

Cowpea
Lima Bean
Japan Clover
Peanut
Velvet Bean

Group III.

Garden Pea
Field Pea
Sweet Pea
Vetch
Horse Bean

Group VI.

Soy Bean
and
Other Legumes

Each tin for Groups I and II contains sufficient to inoculate one bushel of seed. Each tin for the remaining groups contains sufficient to inoculate two bushels of seed.

Price per tin 5/-. Postage 1/- extra.

Pretoria Price: 5/3 per tin. Postage 1/- extra.

E.



Use Starke's Poultry Foods

We make a SPECIAL MIXTURE for EVERY
POULTRY PURPOSE.

Write now for our FREE POULTRY BOOK and
Special Price List.

C. STARKE & CO., Ltd., MOWBRAY, C.P.

Root Crops—Wortels.

Next to pasture the most important matter to the Sheep Farmer is the production of cultivated crops for his most valuable stock. Mangels, Turnips and other roots are very extensively grown in other countries for this purpose but in South Africa they are comparatively neglected. Can South Africa afford to neglect such valuable crops as these?

Quantity to Sow.—All these crops are best sown in drills, 12 to 15 inches apart for Carrots and Chicory, the same for Turnips; Swedes want a little more room, say 18 inches, and Mangels and Beet are usually sown 18 to 24 inches apart. Much depends on the implements in use. It pays to sow further apart in order to introduce labour-saving appliances. Carrots and Chicory require a seeding of 3 to 4 lbs per acre, Swedes and Turnips may be sown at the rate of 2 lbs per acre and Mangels 8 to 10 lbs. If you use a drill you may have to vary the quantity according to what the implement can do. You may sow a little too thickly to secure even distribution because you must, in any case, thin out the rows afterwards and a little seed wasted may mean a greater saving in labour.

Pretoria Prices: All prices on this page apply also at Pretoria.

ROOT CROPS FOR FIELD SOWING.		E.	1 lb	25 lbs	100 lbs
Carrot, Intermediate. —Of medium length but makes roots of great size and is a splendid field crop as well as an excellent table carrot	...	5/-	95/-	375/-	
Chicory, Large-Rooted Magdeburgh. —A splendid grazing crop of simplest cultivation on soil that suits Mangels, sow 10 to 12 lbs per acre	...	3/6	60/-	225/-	
Mangel, Mammoth Long Red. —For rich loam this variety is unsurpassed and will give a heavier crop than any other	...	1/-	20/-	67/6	
Mangel, Yellow Globe. —Excels in quality and is suited to shallower soils than other varieties	...	1/-	20/-	67/6	
Silver Beet. —A valuable grazing crop and it is claimed that it will last for several years if rested at suitable intervals	2/3	47/6	175/-		
Sugar Beet. —The roots are smaller than Mangels and formed below the surface, a valuable fodder crop on account of the high sugar content of the roots	...	2/3	47/6	175/-	
Swede, Best of All. —Purple top	...	1/6	25/-	90/-	
Swede, Holborn Kangaroo. —Bronze top	...	1/6	25/-	90/-	
Swede, Lord Derby. —Green top	...	1/6	25/-	90/-	
Swede, Sutton's Champion. —An old and favourite purple-top variety, a great cropper and gives good shapely roots...	1/6	22/6	80/-		
Swede, Webb's Imperial. —Of excellent size and good quality and yields a very heavy crop	...	1/6	22/6	80/-	
Turnip, Aberdeen Green Top. —Yellow-fleshed	...	1/-	15/-	50/-	
Turnip, Aberdeen Purple Top. —Yellow-fleshed	...	1/-	15/-	50/-	
Turnip, Green Globe. —White-fleshed	...	1/-	15/-	50/-	
Turnip, Purple Top Mammoth. —White-fleshed	...	1/6	17/6	60/-	
Turnip, Veitch's Purple Globe. —White-fleshed	...	1/6	20/-	72/6	
Turnip, White American Strap-leaf. —White-fleshed, endures heat well	...	1/6	20/-	72/6	
Turnip, White Stone or Stubble. —An early variety of good size	1/6	22/6	75/-		

Next to Pasture the most important matter to the Sheep Farmer is the production of cultivated crops for his most valuable stock. Turnips and other roots are very extensively grown in other countries for this purpose. Here they are utterly neglected! Why? Can South Africa afford to ignore such valuable crops?

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

Tobacco—Tabak.

(*Nicotiana tabacum*).

It is estimated that one ounce of seed should produce enough plants for an acre, but it naturally depends very much on what luck you have with the seed beds.

Pretoria Prices: All prices on this page apply also at Pretoria.

	F.	oz	$\frac{1}{4}$ lb.	lb
Brazilian American. —Excellent for cigars and a delightfully aromatic smoker ...	3/-	10/6	37/6	
Clarkesville. —A heavy smoker, strong grower, and gives a big yield ...	2/9	9/-	30/-	
Connecticut Broadleaf. —Used largely for cigar wrappers and binders, and makes a good pipe tobacco, rapid grower, suited to sandy loam ...	2/9	9/-	30/-	
Goldfinder. —One of the best of the Virginia tobaccos for cigarette filler ...	2/9	9/-	30/-	
Improved Gold Leaf. —Splendid combination of size, weight, and quality, leaf long and broad, but fine in texture, one of the best of the bright tobaccos ...	2/9	9/-	30/-	
Improved Hester. —Cures a nice bright colour, suited for wrappers, cutters, fillers or cigars, leaf long and medium width, adapted to light loamy soils ...	2/9	9/-	30/-	
Improved White Stem Oronoko. —Makes a good bright leaf and may also be cured for dark filler, suited to fairly rich and well drained soil, especially alluvial with a clay sub-soil ...	2/9	9/-	30/-	
Improved Yellow Oronoko. —Easily cured to a bright colour or may be cured for dark filler, suited to fairly rich soil if well drained, does well on alluvial soils with clay sub-soil ...	2/9	9/-	30/-	
Sterling. —Bright colour, silky in texture, sweet flavour, best adapted to light loam with clay sub-soil ...	3/-	10/6	35/-	
Virginia Oak Hill Yellow. —Unsurpassed for delicacy of fibre... ..	2/9	9/-	30/-	
White Burley. —Same as "Clarkesville" ...	2/9	9/-	30/-	
Yellow Pryor. —A good pipe tobacco and makes a fine wrapper or filler, on rich red land it will give a dark colour ...	2/9	9/-	30/-	

TURKISH VARIETIES.

We are pleased to be able to announce that we have concluded arrangements with Mr. L. M. Stella, the well-known Tobacco Expert, by which we will act as sole distributors of his famous **Manyleaf Turkish Tobacco** seed.

Growers of Turkish Tobacco will be well aware that Mr. Stella is the father of the Turkish Tobacco Industry in South Africa and has devoted his life practically to the development of the industry in this country.

It follows that Mr. Stella is thoroughly acquainted with the requirements of the growers and that his selections of seed are the best that can be obtained. The seed is being grown on the farm of Mr. Stella's son at Stellenbosch under his expert supervision.

Mr. Stella is not only in close touch with the Turkish Tobacco Industry in South Africa but also maintains close touch with the growers in Turkey by periodical visits to that country. Mr. Stella has, in fact, only recently returned from Turkey where he spent three months among the growers studying prevailing conditions there. Thus it must be obvious to South African growers that Mr. Stella is in a peculiarly favourable position, owing to the very wide experience he has of Tobacco growing in this country and in Turkey, in making selections of the very best seed and his advice on this point should be rated very high indeed.

We offer the new season's seed at the following prices:—

Stella's Manyleaf Soulook Turkish Tobacco.—Finest selected South African grown seed. Per oz 2/-; $\frac{1}{4}$ lb 7/6; $\frac{1}{2}$ lb 14/-; lb 27/6.

Imported Soulook Turkish Tobacco.—We have only a few ounces of Imported Seed which we offer at 7/6 per oz.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

Miscellaneous Crops—Verskillende Plante.

RAPE, KALE AND MUSTARD.

These are valuable crops for grazing and deserve close attention from every up-to-date agriculturist. Rape, particularly, is now very extensively sown. In the grain districts of Koeberg, Darling, Malmesbury, Paarl and Caledon, this crop provides magnificent feed on the "brak-lands," where it is sown as a catch crop while the land is otherwise lying fallow, thus entailing no extra expense and providing an immense amount of feed for all kinds of stock. It is valuable alike for Sheep, Cows, Pigs, Ostriches and any grazing stock.

Pretoria Prices: With the exception of Rape, which is 1/6 per 100 lbs dearer to cover railage, all prices on this page apply also at Pretoria.

	E.	1 lb	25 lbs	100 lbs
Dwarf Essex Rape. —This crop is now very largely grown in the Western Province for grazing purposes, it is important to have the right variety as some kinds are unsuitable...	6d		8/-	30/-
Chou Moellier or Marrow Kale. —Both leaves and stem may be used for stock-feeding, a very profitable crop	1/9		30/-	105/-
Thousand Headed Kale. —A tall branching cattle cabbage, produces a heavy crop of succulent leaf greatly relished by cattle, sheep, pigs, poultry, etc.	1/6		22/6	80/-
White Mustard. —Splendid grazing crop for sheep, a very rapid grower, table mustard is produced from the seed of this variety	1/6		22/6	80/-

MELONS AND GOURDS.

These crops are typically South African and their value can hardly be exaggerated. They provide a very heavy yield of succulent green food that may be stored for many months and, with ordinary precautions, the loss during storing is negligible. Deep alluvial soil suits these crops well because it is their habit to search at great depths for the moisture that they require during the growing period.

Quantity to Sow.—From 2 to 5 lbs of seed will be required per acre according to variety and method of sowing.

	E.	1 lb	25 lbs	100 lbs
Pumpkin. —For special varieties see Vegetable Seed List.	—	—	—	—
Cattle Pumpkin. —Good seed at a cheap price for a field crop, any variety or mixed seed supplied at our discretion...	2/-		40/-	150/-
Starke's Mammoth White Melon. —This Kaffir Melon has been grown under our supervision for a very long period and well selected each season, the best of all Kaffir Melons	3/-		65/-	250/-

OTHER CROPS.

	E.	1 lb.	25 lbs	100 lbs
Jerusalem Artichokes. —A splendid summer crop for pigs, the yield is heavy and pigs may be allowed to harvest the crop, suited to sandy soils	6d		6/-	20/-
Buckwheat (<i>Fagopyrum esculentum</i>).—A summer-growing annual that produces a valuable grain crop much in demand for poultry feeding and other uses	3d		3/6	12/6
Sheep's Burnet (<i>Poterium sanguisorba</i>).—A deep-rooting herb adapted to dry sandy soils and hardy to frost, excellent grazing crop	1/3		25/-	92/6
Common Flax or Linseed. —For a grain crop this variety is recommended as a heavy yielder of Linseed of good heavy quality. Quantity to Sow: Seeding will probably vary between 60 and 100 lbs per acre according to the purpose for which the crop is grown. For fibre it requires thicker seeding than for a purely grain crop	6d		8/6	30/-
Creeping Saltbush (<i>Atriplex semibaccata</i>).—A very popular species, thrives particularly in the Robertson district and should suit similar areas	1/-		20/-	75/-
Old Man Saltbush (<i>Atriplex nummularia</i>).—A tall-growing species, succeeds in the O.F.S. and in the Karroo area	1/6		27/6	100/-
Black Russian Sunflower. —Makes a large head and the seed yield is heavy and of good quality	6d		7/6	25/-
Tall Russian Sunflower. —A summer crop that thrives almost throughout South Africa, especially in the summer-rainfall areas	6d		7/6	25/-

Vegetables.

We pay postage on **FOURPENNY** and **SIXPENNY** PACKETS of Vegetable Seeds to any address in South Africa.

Pretoria Branch: All vegetables quoted in the following pages are supplied at the same prices at Pretoria without addition for railage.

BROAD BEANS—BOER BOONTJIES.

(*Vicia faba*).

Locally known as "Boer Boontjie," the Broad Bean is the first to be sown in autumn and is considered a delicacy among vegetables. It is easily grown and bears heavily.

	All varieties 6d per pkt.	D.	Per lb	25 lbs	100 lbs
Aquadulce. —Gives probably the longest pod among the Broad Beans	...	1/-	21/-	75/-	
Carter's Leviathan. —Hardy and suitable for early, medium, or main crop, long pods, with 8 to 10 beans of excellent flavour	...	1/-	21/-	75/-	
Hang Down. —Extra long pod, very fine	...	1/-	22/6	80/-	
Seville Long Pod. —An early variety producing a good crop of very long pods with from 4 to 8 beans of good size...	...	1/-	21/-	75/-	

FRENCH BEANS—SNY BOONTJIES.

(*Phaseolus vulgaris et multiflorus*).

A well known Summer Vegetable of the simplest cultivation. If the pods are picked regularly and clean the crop is long continued and very heavy.

	All varieties 6d per pkt.	D.	Per lb	25 lbs	100 lbs
Afrikaner. —Dwarf. Same as "Victory"	...	1/3	25/-	85/-	
Black Valentine. —Dwarf. Probably the hardest of all French Beans and may be sown very early when other varieties would suffer severely from the cold, green-podded	...	1/3	27/6	100/-	
Bountiful or Early Six Weeks. —Dwarf. We doubt if there is a better early flat-podded green stringless bean than this; pods 5 to 6 inches long, broad, thick, meaty and tender with scarcely a trace of string; very hardy	...	1/3	25/-	95/-	
Dwarf Stringless Green Pod. —A good cropper with dark green pods which do not become stringy; it is becoming very popular, try it!	...	1/3	25/-	95/-	
Epicure. —A climbing bean and an enormous cropper; good variety for damp soil; pods about 4 in. long, flat and green; a favourite variety in the Transvaal	...	1/3	25/-	95/-	
Feltham Prolific. —Dwarf. In Australia this is described as the most disease-resistant variety on the market; a good cropper with long green pods, matures very early	...	1/6	32/6	125/-	
Half White Sugar. —Dwarf. A very popular variety, the beans are large and oval-round and beautifully marked, they may be used green or dry and are of excellent flavour	...	8d	13/6	45/-	
Kentucky Wonder. —Runner. Green podded, heavy cropper, robust grower	...	1/3	27/6	105/-	
Kudu-Stringless. —Dwarf. Prolific bearer of beautiful round green pods, entirely stringless, may be sown early because it resists cold better than most varieties	...	1/3	27/6	100/-	
Mont d'Or Butter. —Dwarf. A yellow-podded, black-seeded variety of great merit, large pods of excellent quality are borne in profusion	...	2/-	40/-	150/-	
Pencil Pod Black Wax. —Dwarf. Long round pods of rich yellow colour, tender and absolutely stringless, early and profuse bearer	...	1/3	27/6	100/-	
Perreux. —Dwarf. Pale green pods of good size and excellent quality, the seed is yellow with a brown ring round the hilum	...	1/-	21/-	75/-	

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

FRENCH BEANS—SNY BOONTJIES.

All varieties 6d per pkt.		D.	Per lb	25 lbs	100 lbs
Port Natal Sugar. —Dwarf. Similar to "Half-White" but a somewhat smaller bean and without the half-white marking		8d		12/6	40/-
Red Canadian Wonder. —Dwarf. Strong grower, heavy cropper, pods large, excellent quality.	Imported (Australia) ...	1/3		27/6	100/-
	Imported (Europe) ...	1/3		25/-	87/6
	Local Seed ...	6d		10/-	37/6
Rustless Golden Wax. —Dwarf. Light handsome stringless pods, brittle and tender, inclined to throw out tendrils because of its vigorous growth but retains the bush form ...		1/3		27/6	100/-
Scarlet Runner. —Highly ornamental, heavy cropper of large pods, should be plucked while young and tender.	Imported Seed ...	1/3		27/6	100/-
	Local Seed ...	9d		16/-	60/-
Surecrop Early. —Dwarf. Hardy and highly rust-resistant, gives rich yellow pods of great length, vigorous grower and heavy cropper, excellent variety ...		1/3		27/6	100/-
The Shah. —Dwarf. Vigorous grower, long, straight, green pods, 6-7 inches, seed black, one of the best for producing choice snaps ...		2/-		42/6	1'0/-
Victory. —Dwarf. A very prolific variety having pale green pods of good size and excellent quality; seed yellow with a distinct brown-ringed "eye" ...		9d		15/-	50/-

LIMA BEANS—GOEWENEUR BOONTJIES.

(*Phaseolus lunatus*).

Lima Beans are very largely grown in America where they are greatly esteemed as a table bean used in similar manner to Broad Beans. The flavour, however, is distinct and the bean is tender to frost so that it becomes a summer crop and cannot be sown at the same time as Broad Beans. In other respects it may receive similar cultural treatment.

All varieties 6d per pkt.		D.	Per lb	25 lbs	100 lbs
Common Lima ...			1/3	27/6	100/-
Wilson Bush Lima. —Dwarf. The very latest improvement in the large type of Bush Limas, long pods, large buttery beans, unsurpassed for flavour ...			2/6	55/-	200/-

GARDEN PEAS—TUIN ERTJIES.

(*Pisum sativum*).

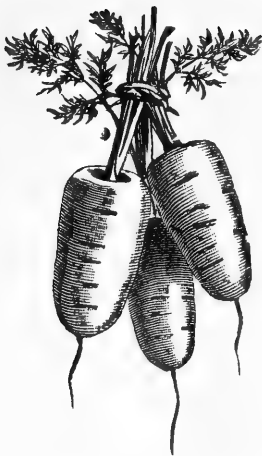
This crop is easily grown and may be attempted even by the inexperienced. Its principal requirements are deeply worked and well-drained soil.

All varieties 6d per pkt.		D.	Per lb	25 lbs	100 lbs
Alderman. —A tall grower, best for Transvaal in summer ...		1/3		25/-	95/-
Greenfeast. —Dwarf. The leading Pea in New Zealand to-day, 18 to 24 inches, dark green foliage, curved pod, heavy cropper, stands a hot climate well ...		1/-		17/6	60/-
		1/-		21/-	75/-
Laxton's Fillbasket. —Curved pods of medium length, exceedingly well filled, semi-dwarf, 2½ to 3 ft. ...		9d		15/-	55/-
Stratagem. —One of the finest dwarf varieties, extremely popular with market growers, large pods, well filled, finest flavour, 1½ to 2 ft. ...		1/3		25/-	95/-
Sugar Peas, Dwarf Early. —Edible-podded, a very prolific variety, 2 to 3 feet ...		1/3		25/-	95/-
Telephone. —The best for late sowing, carries large and well filled pods, strong grower, 4 to 5 ft. ...		1/3		25/-	95/-
Wiehahn's Crescent. —A remarkably fine variety of local origin, a splendid cropper and very popular, particularly reliable for the earliest sowings ...		1/-		20/-	75/-
Yorkshire Hero. —A reliable variety, heavy cropper of excellent pods, splendid flavour, 2½ to 3 ft. ...		1/-		20/-	75/-

PRETORIA BRANCH CAN SUPPLY VEGETABLE SEEDS AT THESE PRICES.

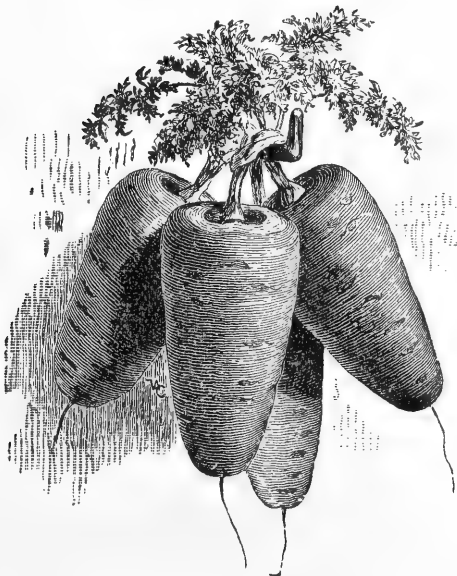


Early Blood Red Turnip Beet
(Page 21)

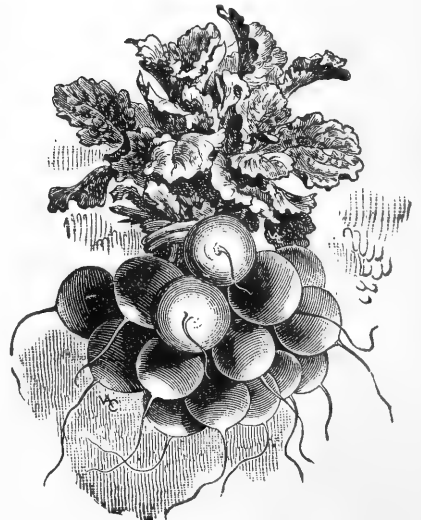


Dutch Horn Carrot
(Page 21)

**Stump Rooted
Half Long Scarlet
Carrot**
(Page 21)



Chantenay Carrot (Page 21)



Scarlet Gem Radish
(Page 23)

BEET—ROOT BEET.

(*Beta vulgaris*).

All varieties 4d. and 6d. per pkt.	F.	Per oz.	$\frac{1}{4}$ lb	lb
Detroit. —A dark red turnip-rooted beet, flesh crisp and sweet, leaves green with dark red veins and stem, one of the best beets	6d	1/3	3/6	
Early Blood Red Turnip. —Of dark red colour and excellent flavour, a variety of great merit as the bulbs come very true in form and type and it is early maturing...	6d	1/3	3/6	
Extra Early Flat Egyptian. —One of the earliest varieties, root flattened especially underneath, flesh dark blood red, leaves brown-red mixed with green	6d	1/-	3/-	
Improved Dark Red Flat Egyptian. —By careful selection this variety has been improved in colour and type as compared with the original "Egyptian" Beet	6d	1/3	3/6	

CARROTS—GEEL WORTELS.

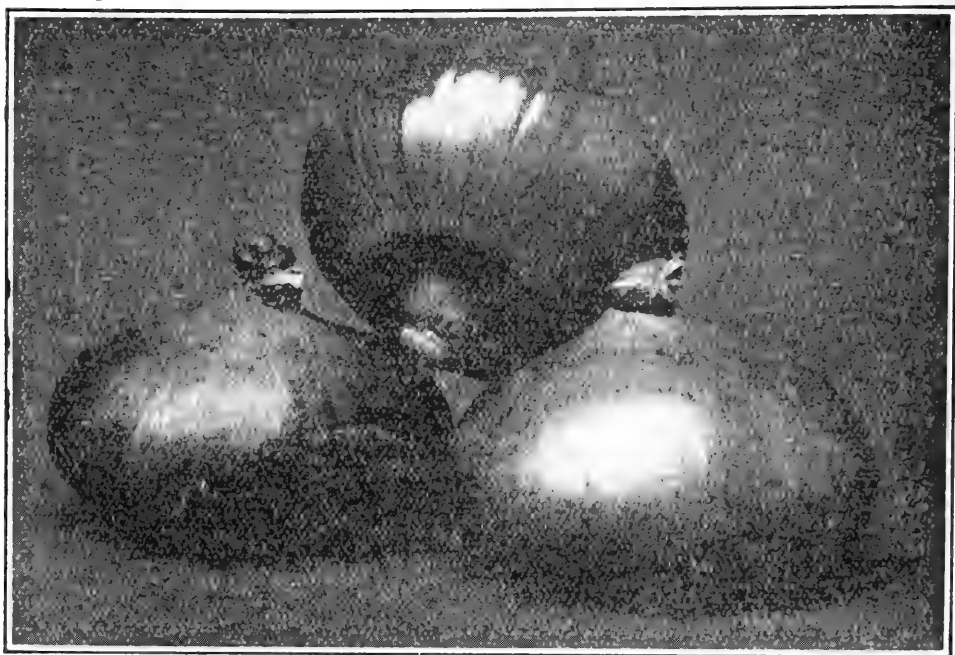
(*Daucus carota*, L.)

All varieties 4d. and 6d. per pkt.	F.	Per oz.	$\frac{1}{4}$ lb	lb
Chantenay. —Of splendid shape and the best of table quality and one of the most reliable croppers. It is consequently a prime favourite	6d	1/6	4/6	
Dutch Horn or Early Short Horn. —Orange-red, tapering to the tip, which is usually blunt, length about 3 inches, rapid grower	9d	1/9	6/-	
Long Red Surrey. —A splendid table variety when well grown and drawn at a suitable stage of its development	6d	1/3	4/-	
Nantes Early Half-Long. —An extremely popular table variety. It is red-fleshed with mild sweet flavour and almost coreless	6d	1/6	5/-	
Oxheart or Guerande. —A favourite variety of excellent table quality, a reliable cropper and of good shape, between Short Horn and the Intermediate types in length	6d	1/6	4/6	
Stump-Rooted Half-Long Scarlet. —A half-long variety of good size, colour and flavour and a reliable cropper. It is fairly early in maturing	6d	1/6	5/-	
Touchon Coreless. —A variety of unusual merit which has created a wonderful demand wherever tried; bright orange-red, half-long in type, sweet, tender and free from hard core	6d	1/6	5/-	

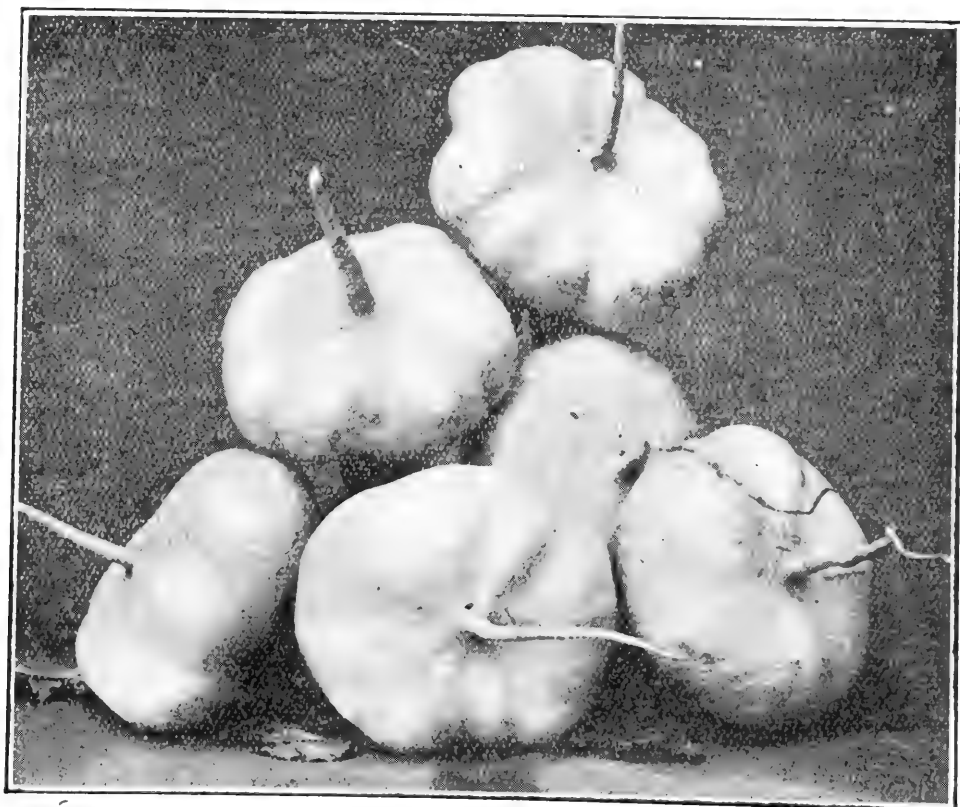
ONIONS—UIE.

(*Allium cepa*.)

All varieties 4d. and 6d. per pkt.	D.	Per oz.	$\frac{1}{4}$ lb	lb
Australian Brown. —Late. A splendid keeper and heavy cropping variety	1/-	3/-	10/6	
Cape Straw-Coloured. —Late. As a main-crop variety this is unsurpassed. It produces a very heavy crop of large bulbs and is one of the most profitable varieties to grow	9d	2/3	7/6	
Copper King. —Enormous size, skin a reddish colour, flesh white, very sweet, mild and tender	1/-	3/-	10/6	
Early Flat Yellow Cape. —Like White Bermuda, very early, the best variety to catch the early market or for districts with a short growing period	9d	2/3	7/6	
Silver King. —One of the earliest and largest of the Italian varieties, has a thickened bulb, skin clear silvery white, flesh white, mild, sweet and tender	1/-	3/-	10/6	
White Queen. —Gives a comparatively small and much flattened bulb of silvery white colour and is remarkably early	9d	2/6	8/6	
Yellow Bermuda. —Early. This imported seed is seldom obtainable; it is the variety from which "Early Flat Yellow Cape" was derived and is a little earlier in maturing than that variety	9d	2/6	8/6	
Yellow Flat Vertus. —Medium Early. A very nice marketable onion of medium size and good quality	6d	1/-	3/6	



Cape Straw-Coloured Onion (See Page 21)



Earliest White Milan Turnip (See Page 25)

PARSNIPS—WIT WORTELS.

(*Peucedanum sativum*).

All varieties 4d. and 6d. per pkt.

	F.	Per oz.	$\frac{1}{4}$ lb	lb
Hollow Crown. —Gives a long, smooth root and is a highly productive variety	...	6d	9d	2/-
Suttons Student. —Gives a splendid thick root somewhat shorter than Hollow Crown	...	6d	9d	2/-

SEED POTATOES—SAAD AARTAPPELS.

(*Solanum tuberosum*).

Every season we hand-pick thousands of cases of South African grown Seed Potatoes, selecting and sending out only the very best that we can find. These are dealt with from March onwards till about October according to season.

From September onwards imported Seed Potatoes are also available and we import large quantities of the most favoured varieties. We give below descriptions of varieties that have been available during past seasons. Prices are quoted on application. A.

Arran Chief.—One of the best Scotch varieties and now well known in South Africa

Flourball.—A local variety, and imported seed is not always obtainable, much favoured for planting on the Cape Flats.

Great Scot.—Round-shaped tuber, flesh white and very good for cooking.

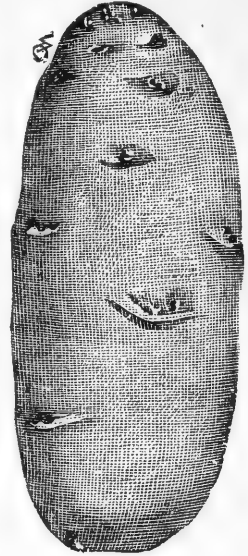
King Edward.—A late variety of great merit.

King George V.—A medium-early variety producing a heavy crop of excellent tubers, it gives ample top growth, well covering the land.

Majestic.—An early main-crop variety of kidney shape. A very heavy cropper.

Ragis Zehn.—A main-crop variety of German origin which is becoming very popular in the Western districts of Cape Province; somewhat rough skin, good cropper; nice leafy growth.

Up-to-Date.—Seed of this old favourite is now becoming somewhat difficult to obtain from England, but supplies still come fairly freely from France.



RADISH—RADYS

(*Raphanus sativus*).

All varieties 4d. and 6d. per pkt.

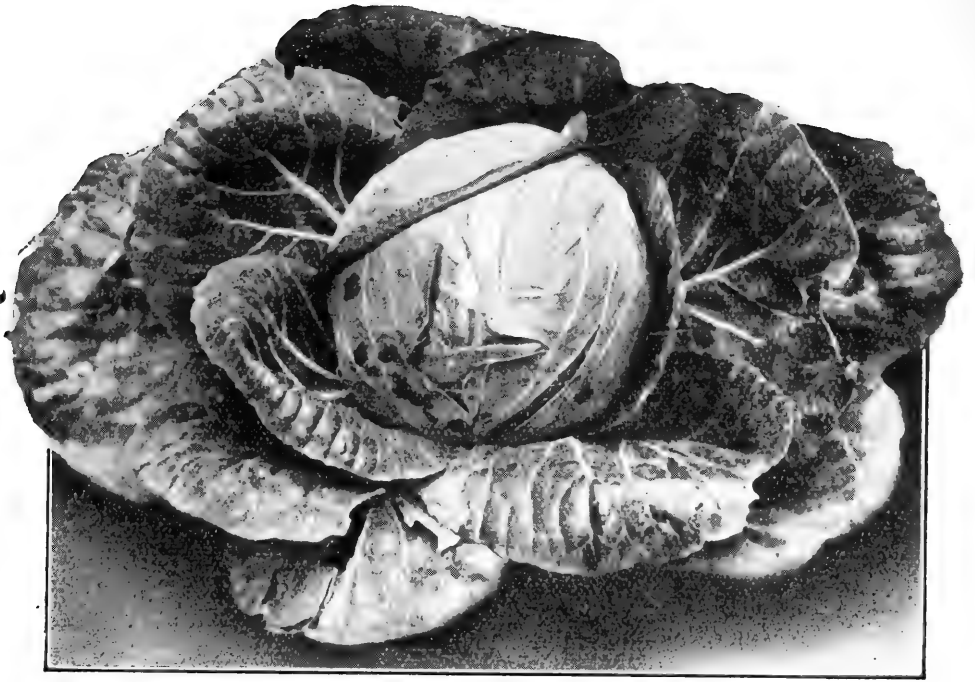
	F.	Per oz.	$\frac{1}{4}$ lb	lb
China Rose Winter. —Large and solid, half-long in shape and of mild flavour, can stand longer than other varieties without becoming spongy, suitable for winter	...	6d	9d	2/6
Crimson Globe. —A small round red radish of excellent flavour and crisp quality. It is a very rapid grower and one of the best if suitably forced	...	6d	9d	2/6
French Breakfast. —A highly favoured variety and of excellent quality when well grown. It is oval in shape and the colour is scarlet tipped with white	...	6d	9d	2/6
Long Black Spanish. —For winter growing. Flesh white, firm and very pungent	...	6d	1/-	3/6
Long Red. —A crisp and fairly quick-growing variety of excellent flavour	...	6d	1/3	4/-
Long White Icicle. —Very early, tender and crisp	...	6d	1/-	3/6
Long White Spanish	...	9d	2/3	7/6
Round White Spanish. —Specially good for winter growing...	...	9d	2/3	7/6
Scarlet Gem. —Round scarlet, white tipped, very fine for forcing	...	6d	9d	2/6

SWEDE—SWEEDSE RAAP

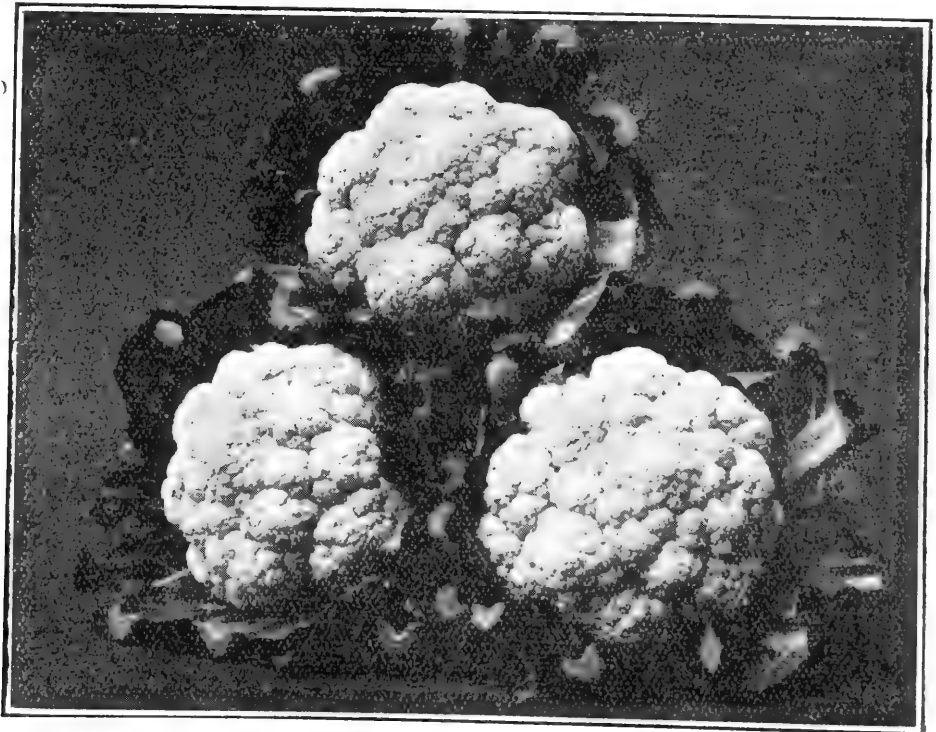
(*Brassica rutabaga*, L.)

All varieties 4d. and 6d. per pkt.

	F.	Per oz.	$\frac{1}{4}$ lb	lb
Kangaroo Bronze Top. —An excellent garden variety of good flavour	...	6d	9d	1/6
Sutton's Champion Purple Top. —A much-favoured variety for the garden and it can be confidently recommended	...	6d	9d	1/6



Golden Acre Cabbage
(Page 26)



Southern Cross Cauliflower
(Page 27)

TURNIPS—RAAPE.

(*Brassica rapa*, L.)

All varieties 4d. and 6d. per pkt.	F.	Per oz.	$\frac{1}{4}$ lb	lb
Earliest White Milan. —Clear white, very smooth, round and flat, flesh tender and sweet, one of the best of the early varieties	...	6d	9d	2/6
Early Six Weeks. —Early-maturing and a very reliable cropper, grows to a good size in very quick time and is a splendid table variety	...	6d	9d	2/-
Early Snowball. —Snow-white, ball-shaped, rapid grower, makes a good size in record time, it is juicy and of splendid flavour	...	6d	9d	2/-
Early White Garden or Dutch. —A very fine market gardener's variety; flat and somewhat irregularly rounded in shape; flesh white, sweet and tender	...	6d	9d	2/-
Veitch's Purple Globe. —A white-fleshed purple-top variety of excellent quality	...	6d	9d	1/6

OTHER ROOTS—ANDER WORTELS.

All varieties 4d. and 6d. per pkt.	F.	Per oz.	$\frac{1}{4}$ lb	lb
Large Flag Leek. —Of large size and superb quality	...	9d	1/9	6/-
White French Salsify. —The Roots of this delicious vegetable are boiled or stewed like Carrots	...	1/3	4/-	15/-
Scorzonera. —A black-rooted vegetable similar to Salsify. It is grown and treated and used just like Salsify	...	2/-	6/9	25/-

BROCCOLI—WINTER BLOMKOOL

(*Brassica oleracea botrytis*).

Almost identical to Cauliflower, but is hardier. It requires the same treatment as Cauliflower and might well be tried in the colder districts where its extra hardness may be a decided advantage.

All varieties 4d. and 6d. per pkt.	F.	Per oz.	$\frac{1}{4}$ lb	lb
Early White French. —A hardy and early variety, easily grown and gives a firm, compact head	...	1/9	6/-	21/-
White Mammoth. —A late variety producing a large head of good quality	...	1/3	4/-	15/-

BRUSSELS SPROUTS—SPRUIT KOOL

(*Brassica oleracea gemmifera*).

Seed of this very delicious vegetable should be sown very early—November to January—and should be treated like Cauliflower. We strongly recommend our customers to try this as its value has not yet been sufficiently realized in this country.

All varieties 4d. and 6d. per pkt.	F.	Per oz.	$\frac{1}{4}$ lb	lb
Dwarf Improved. —This splendid variety gives sprouts of excellent quality on a stem of moderate height and is a very satisfactory cropper	...	6d	1/6	5/-

Good Seed is Cheap at a Good Price.

Cheap Seed is often dear at any price.

FOR BEST RESULTS SOW STARKE'S TESTED SEEDS.

ALL VEGETABLE SEEDS SUPPLIED AT PRETORIA AT MOWBRAY PRICES.

CABBAGE—KOPKOOL. (*Brassica oleracea capitata*).

All varieties. 4d. and 6d. per pkt.		F.	Per oz.	$\frac{1}{4}$ lb	lb
All Seasons. —A second-early variety adapted for either summer, autumn or winter use; the heads become solid before fully grown and are not liable to split		...	6d	1/6	5/-
Cape Spitz Kool (Krul Blaar).—This well known variety is deservedly popular throughout South Africa. For the main winter crop it is unsurpassed. Seed is sown from November onwards till about the end of January but the later plants must be brought on quickly so that they are headed before the spring. It makes a fine large head which is very compact		...	1/6	5/-	17/6
Chinese Pe Tsai. —This bears very little resemblance to the ordinary Cabbage. The young plants are easily mistaken for Turnips, the leaf being very soft and succulent. It is of remarkably quick growth and heads up very much like a Cos Lettuce. The leaves are soft and tender and may be used also as a spinach. Sow very early so that the plants may head up before the spring otherwise they will then go to seed		...	6d	1/6	4/6
Copenhagen Market. —Very early, yet the solid round heads grow to a large size, on short stems with few outer leaves, a very fine variety for a quick crop		...	9d	1/9	6/-
Daniel's Defiance. —In shape this resembles "Cape Spitz Kool" but it is earlier		...	6d	1/6	5/-
Drumhead Savoy. —The Savoy's are good winter cabbages		...	6d	1/9	6/-
Early Drumhead or Early Flat Dutch. —Heads round and flattened, very firm, matures about three weeks earlier than "Surehead" which it resembles in type		...	6d	1/6	5/-
Early Jersey Wakefield. —This popular variety is of moderate size but matures very rapidly and is one of the best for late sowing		...	6d	1/6	5/-
Filder or Pomeranian. —Very much resembles Cape Spitz Kool; very hardy; an excellent cabbage		...	1/3	4/-	15/-
Flower of Spring. —Probably the earliest of all cabbages		...	1/-	3/-	10/6
Glory of Enkhuizen. —A sure-heading variety, very early, the heads almost perfectly round, solid and of good size and finest quality		...	6d	1/9	6/-
Golden Acre. —Very early, perfectly round heads, hard, solid and very uniform; it is moderate in size and can be spaced closer than the larger varieties		...	1/3	4/-	13/6
Green Globe Savoy. —A splendid globe-shaped variety, quick maturing and of very fine table quality. It is a sure cropper and may be used for a winter or for a spring crop		...	6d	1/9	6/-
Large Brunswick, Short Stem. —A flat-topped, medium early variety. It does well in a hot climate		...	6d	1/6	4/6
Large Oxheart. —An excellent variety for later sowing than Cape Spitz Kool. It makes large heads of excellent quality and good flavour		...	6d	1/6	5/-
Mammoth Red Drumhead. —A thoroughly reliable and sure-cropping variety largely used for pickling		...	6d	2/3	7/6
Robinson's Champion Drumhead. —A reliable variety making large heads and a sure cropper. It may be sown early but may be continued longer than Cape Spitz Kool		...	6d	1/6	5/-
Surehead. —A large type of Drumhead, heads round and flattened, very hard		...	6d	1/9	6/-

**SOW STARKE'S TESTED SEEDS—THEY COST YOU LESS, REALLY,
BECAUSE THEY GIVE BETTER RESULTS.**

CAULIFLOWER—BLOMKOOŁ.

(*Brassica oleracea botrytis cauliflora*).

All varieties 4d. and 6d. per pkt.		F.	Per oz.	$\frac{1}{4}$ lb	lb
All the Year Round. —Produces pure white heads which can stand considerable heat and yet retain their colour	...	3/6	12/-	42/-	
Doble's Early Cape. —A strong and rapid grower, finest quality, a much favoured variety	...	3/-	10/-	35/-	
Early Italian Giant. —This is preferred to the ordinary strain because it matures more quickly and can, therefore, be used for later sowing	...	1/-	3/6	12/6	
Late Metropole. —A very late and hardy variety, large heads of snowy whiteness, tender and delicate flavour, does well at Modder River and should be tried in the Karroo	...	1/3	4/-	15/-	
Southern Cross. —A quick-growing variety giving large, compact and well-protected heads	...	1/3	4/-	15/-	
Super Snowball. —This variety will be appreciated by market gardeners owing to its power to withstand the unfavourable effects of a hot and dry season	...	4/-	14/-	50/-	
Veitch's Autumn Giant. —Gives large and firm heads and is a vigorous grower requiring plenty of room. It should be sown early for the main winter crop	...	1/3	4/-	15/-	

GARDEN KALE—BOERKOOŁ.

(*Brassica oleracea acephala*).

All varieties 4d. and 6d. per pkt.		F.	Per oz.	$\frac{1}{4}$ lb	lb
Chou Moellier or Marrow Kale. —A large variety of Kale with thickened stem. The leaves may be used like Curled Kale but its value as a vegetable is in the stem which is used in the same manner as Kohl-Rabi	...	6d	9d	1/9	
Dwarf Curled. —Of compact habit forming a dense mass of moss-curved foliage	...	6d	1/6	5/-	
Tall Curled. —Popularly known as Scotch Kale. Very hardy and of excellent quality	...	6d	1/6	5/-	

KOHL-RABI—KNOL KOOŁ.

(*Brassica oleracea caulorapa*).

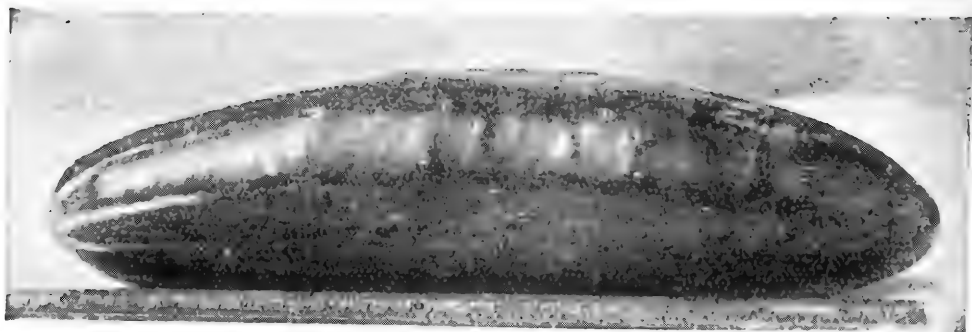
All varieties 4d. and 6d. per pkt.		F.	Per oz.	$\frac{1}{4}$ lb	lb
Early White Vienna. —A quick maturing variety of splendid quality. It may be sown early for a winter crop and also later for a spring crop	...	6d	1/6	5/-	
Extra Large White Goliath. —A vigorous grower producing large bulbs. It stands drought and heat better than most varieties	...	6d	1/6	5/-	
Purple Vienna. —The bulb and leaf stalks are purple, otherwise like Early White Vienna	...	6d	1/6	5/-	

CALABASH—KALABAS.

(*Lagenaria*).

All varieties 4d. and 6d. per pkt.		F.	Per oz.	$\frac{1}{4}$ lb	lb
Bottle Gourd or Large Calabash. —This variety is used by the Natives as a water receptacle. It is also used as a vegetable in similar manner to Vegetable Marrow, but must be taken very young for that purpose	...	9d	2/3	7/6	
Maranka or Vegetable Calabash	...	9d	2/3	7/6	
Narras or Narrah Fruit. —Not a true Calabash, but listed here for convenience. A remarkable leafless plant which grows on the sand dunes in Great Namaqualand. Subterranean water is necessary for its success and it thrives even though the water may be brackish. The pulp and the seeds are used as food by the natives, the former being dried for later use	...	9d	2/3	7/6	

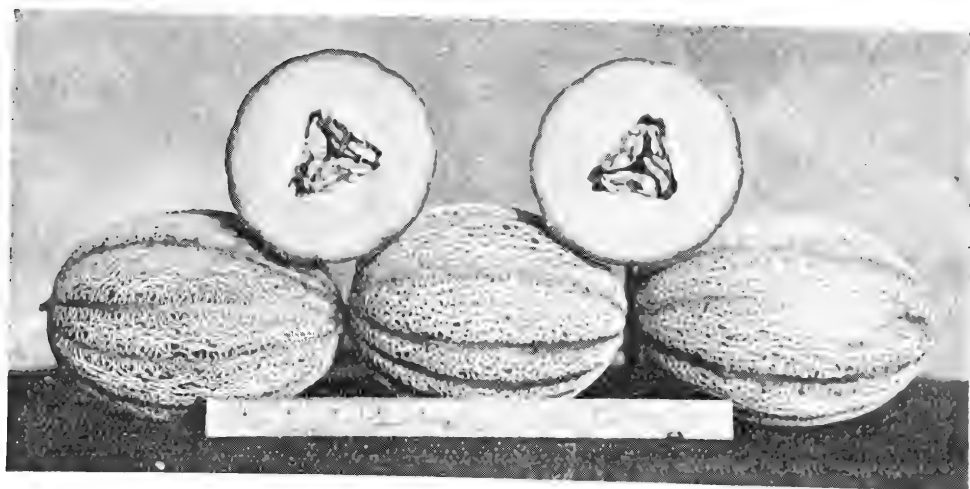
ALL PRICES OF VEGETABLE SEEDS APPLY AT OUR PRETORIA BRANCH.



Davis Perfect Cucumber (Page 29)



Early Fortune Cucumber (Page 29)

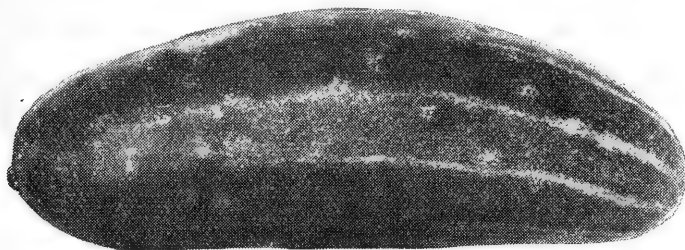


Burrell's Gem Musk Melon (Page 31)

CUCUMBER—KOMKOMMER

(*Cucumis sativus*).

		F.	Per oz.	$\frac{1}{4}$ lb	lb
All varieties 4d. and 6d. per pkt.					
Arlington White Spine. —Early, prolific and produces a continuous crop of symmetrical fruits of good size and of an intense rich deep colour shading lighter towards the tip, holds its colour well and affected less by the hot sun than most varieties	...	9d	2/3	7/6	
Bedfordshire Ridge. —A well known hardy and prolific variety. It is of moderate length and compact shape and a very heavy cropper	...	9d	2/3	7/6	
Chicago Pickle. —The most popular of the early pickle varieties, it is enormously productive and very disease-resistant	...	9d	2/3	7/6	
Cool and Crisp. —Tapers at both ends with prominent knobs or warts; very handsome at the slicing stage; early and prolific	...	9d	2/3	7/6	
Davis Perfect. —A long smooth cucumber with tapering ends; colour exceptionally dark green at the slicing stage; one of the most popular varieties	...	9d	2/3	7/6	
Early Fortune. —Holds its intense green colour better and remains edible longer than most varieties; ends taper, skin smooth, fruits uniform and symmetrical; a splendid variety, particularly good for distant markets as it carries well	...	9d	2/3	7/6	
Fordhook Famous. —This variety is long, straight and well-formed, a vigorous grower and very productive. It retains its green colour particularly well	...	9d	2/3	7/6	
Japanese Climbing. —Comes into bearing quickly and sets its fruit constantly throughout the season. It is of excellent quality and a dark green colour	...	9d	2/3	7/6	

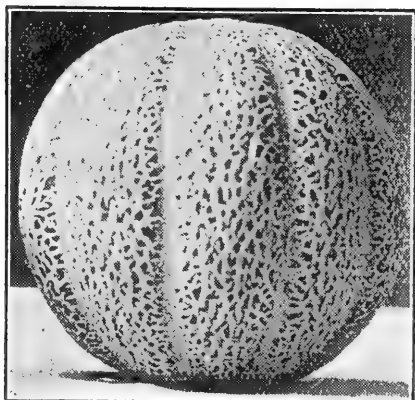


Klondike Cucumber.

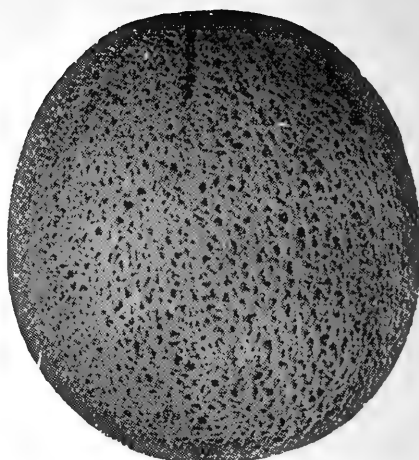
Klondike. —Very early, good shape, medium length, keeps its colour remarkably well, recommended for South African conditions	...	9d	2/3	7/6	
Long Green English. —Fruit long and spiny, flesh thick, firm and crisp	...	9d	2/3	7/6	
New Model. —This Cucumber is very early, hardy, and is uniform in shape and size, holds its deep rich green colour remarkably well and is affected less by the hot sun than any other	...	1/-	3/6	12/6	
West India Gherkin (Agurkie). —Small, green, oval fruit, covered with spines	...	1/-	3/6	12/6	

Many letters reach us with incomplete addresses or no address at all, others without signature and in many cases with a signature that it is impossible to read. To such letters it is impossible to reply. If you do not hear from us, please don't blame us until you have carefully considered whether your letter was not possibly at fault in some way.

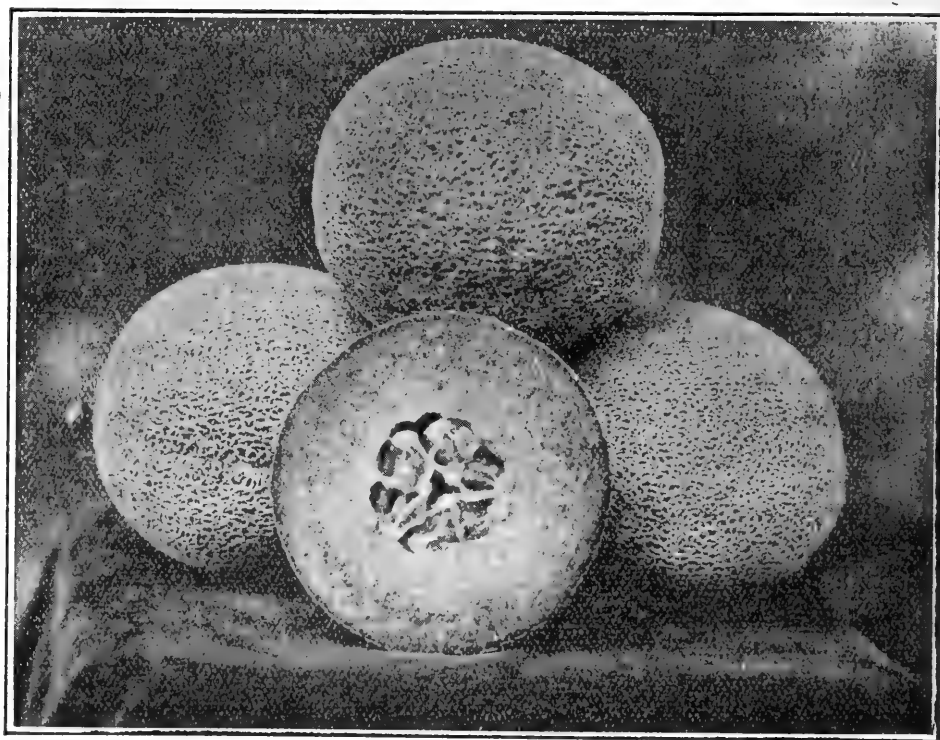
FOR BEST RESULTS SOW STARKE'S TESTED SEEDS.



**Extra Early Hanover
Musk Melon**
(Page 31)



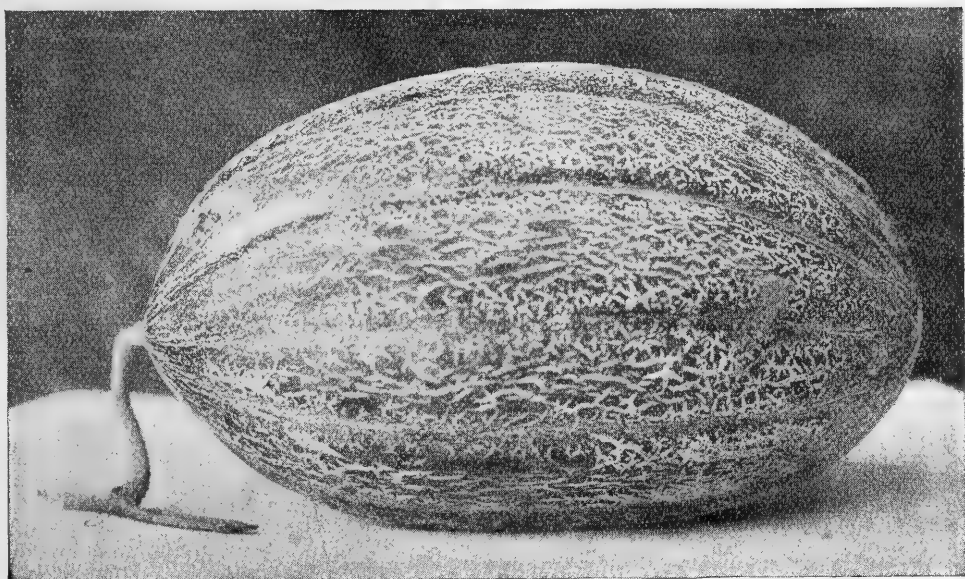
**Gold Lined Rocky Ford
Musk Melon.**
(Page 31)



**Pollock 10-25
Musk Melon**
(Page 31)

MUSK MELON—SPANSPEK.

(*Cucumis melo*).



Bay View.

All varieties 4d. and 6d. per pkt.		F.	Per oz.	$\frac{1}{4}$ lb	lb
Bay View. —A long, late melon, large size, up to 12 lbs, green flesh of good quality, often called "Cape Spanspek"	...	9d	2/6	8/6	
Burrell's Gem. —Skin rather dark green, thin rind, thick salmon coloured flesh, juicy and delicious flavour	...	9d	2/3	7/6	
Cape Winter or Export. —One of the finest export melons of the Casaba type, it has developed superior qualities from careful selection in South Africa	...	1/-	3/6	12/6	
Extra Early Hanover. —A round netted melon of good size and very early, thick green flesh, thin rind, delicious flavour	...	9d	2/6	8/6	
Golden Beauty Casaba. —A long-keeping melon of delicious flavour which should prove valuable for export	...	1/-	3/-	10/6	
Gold Lined Rocky Ford. —Green-fleshed, sweet and deliciously juicy, the meat is thick and fine grained, a round melon of good size and densely netted, highly rust-resistant	...	9d	2/6	8/6	
Honey Dew. —In type and appearance this is just like our "Cape Winter or Export Melon" and we have no doubt it will prove equally as valuable. Green fleshed.	...	1/-	2/9	9/6	
Pollock 10-25. —An early melon of solid netted type, very small seed cavity, thick luscious flesh, salmon shading to green near the rind, carries well to distant markets	...	9d	2/3	7/6	

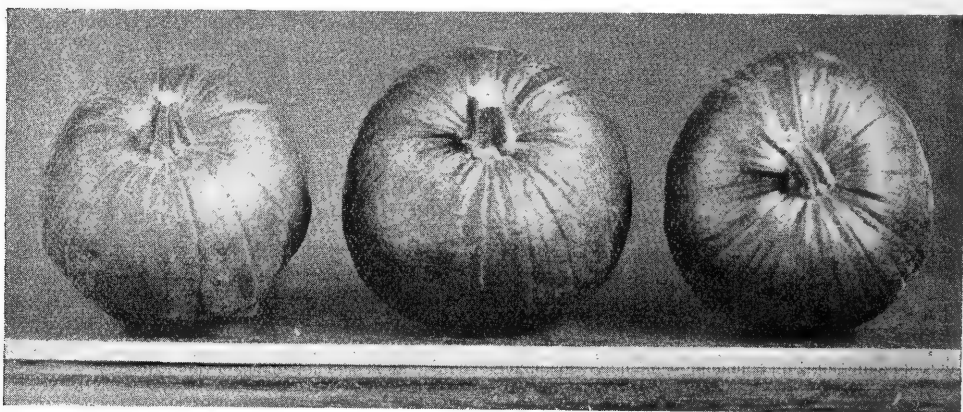
BETTER SEEDS ARE WORTH MORE BECAUSE YOU SOW LESS AND GET A BIGGER YIELD.

PUMPKIN—PAMPOEN.

(*Cucurbita pepo*, L.)

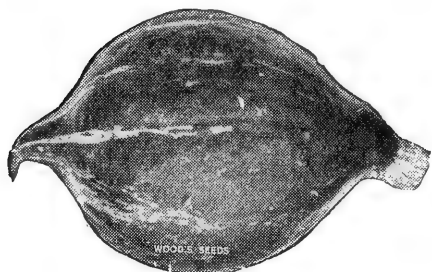
All varieties 4d. and 6d. per pkt.

	F.	Per oz.	$\frac{1}{4}$ lb.	lb
Bright Red Etampes. —Of medium size, flat, and bright red colour. It is very productive and of good flavour	...	6d	1/3	4/-
Ceylon. —The name is local, but in type this is the same as the American "Cushaw Striped" which is a crook-neck pumpkin of excellent quality		9d	2/3	7/6
Fraserdale Improved Boer. —An improved strain of the Cape Boer Pumpkin. It is a heavy cropper and splendid keeper. The flesh is thick and firm and of excellent flavour		9d	2/6	8/6
Iron Bark. —Medium in size and of excellent flavour	...	6d	1/6	5/-
Japanese Pie. —A very early and popular variety of crook-neck type, dark green skin, solid flesh, good flavour	...	9d	2/-	6/6
Large Cheese. —Flat, cream coloured and slightly ribbed, very prolific and disease resistant, good keeper	...	9d	2/-	6/6

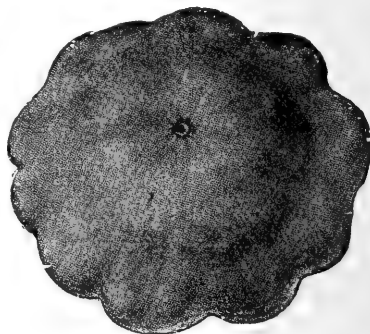


Sugar or Pie.

Sugar or Pie. —Fine grained, deliciously sweet, rich deep orange-yellow flesh, a good keeper	...	9d	2/-	6/6
Winter Luxury. —Bright orange colour, very prolific, early, about 7 lbs. one of the sweetest pumpkins grown	...	9d	2/-	6/6



Hubbard Squash
(Page 33)



Golden Custard Squash
(Page 33)

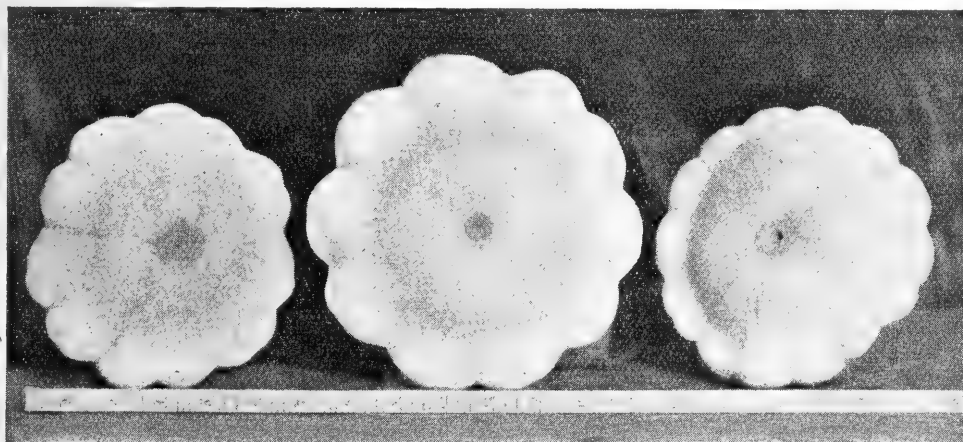
BETTER SEED IS WORTH MORE BECAUSE YOU SOW LESS AND GET A BIGGER YIELD.

SQUASH and VEGETABLE MARROW—MURG VAN GROENTE.

(*Cucurbita maxima*).

All varieties 4d. and 6d. per pkt.

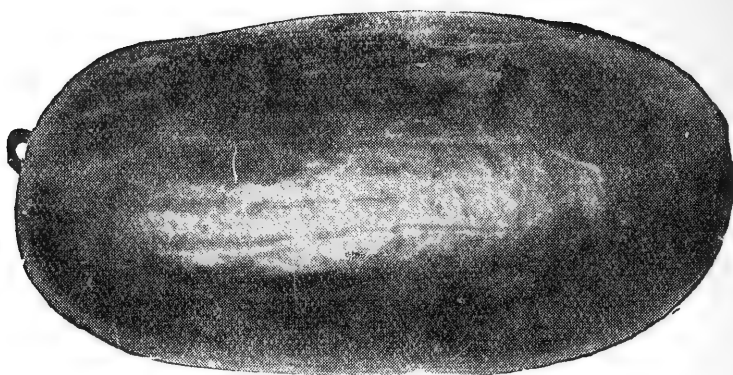
	F.	Per oz.	$\frac{1}{4}$ lb	lb
Delicata. —A small squash which may be used in the green or the dry state; long in shape with a smooth skin, golden colour mottled with green stripes; early and productive	1/3	4/-	15/-	
Golden Custard Scallop. —Bush. This is a Mammoth strain of the Golden Bush on which it is a great improvement. It has golden yellow flesh of very fine quality	9d	2/6	8/6	
Golden Hubbard. —Trailing. The earliest of the Hubbards; a little smaller than the green variety; rind somewhat warted and a golden colour; keeping qualities excellent; a delicious squash and very prolific	9d	2/6	8/6	
Hubbard Improved Squash. —Trailing. One of the finest squashes for winter use, large and heavy, bright orange flesh, fine grained, dry, sweet and richly flavoured, splendid keeper...	9d	2/6	8/6	
Little Gem Squash. —Trailing. A small round green squash about the size of an orange, yellow when ripe. This most delicious squash is boiled and eaten without removing the seeds. There is nothing to equal it in flavour and it is a most prolific bearer	1/3	3/9	13/6	
Long Green Vegetable Marrow. —Bush. Similar to Long White Bush excepting in colour	6d	1/6	5/-	
Long White Vegetable Marrow. —Bush. A favourite marketing variety and a great cropper	6d	1/6	5/-	



Mammoth White Scallop.

Mammoth White Scallop. —Bush. A specially developed strain of White Scalloped Bush. The fruits are of large size and of splendid quality	9d	2/3	7/6	
Table Queen. —A small squash of deep green colour and superb flavour	9d	2/6	8/6	
White Scallop. —A splendid early maturing variety which is a favourite among market gardeners	9d	2/3	7/6	
Wood's Earliest Prolific. —Bush. Earlier than any other Squash, fruits similarly shaped to the ordinary Scalloped Squash but the scallops are not so pronounced	1/3	3/6	12/6	

The finest vegetables are produced from Starke's Tested Seeds.



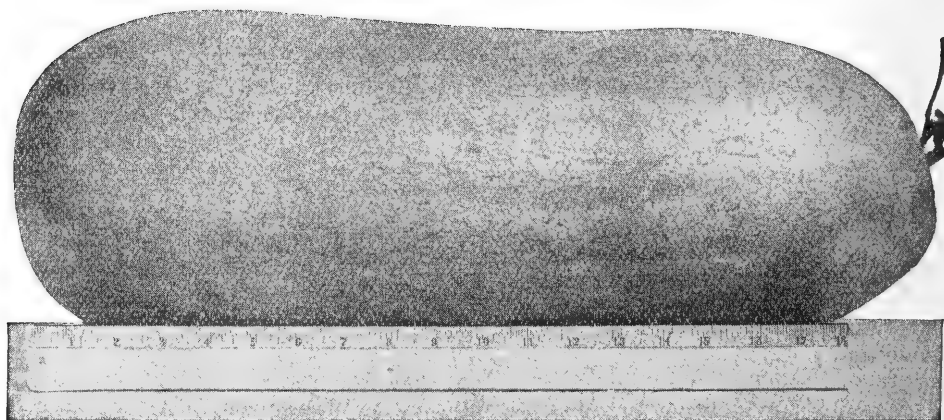
Alabama Sweets Watermelon

(Page 35)



Halbert Honey Watermelon

(Page 35)



Thurmond Gray Watermelon

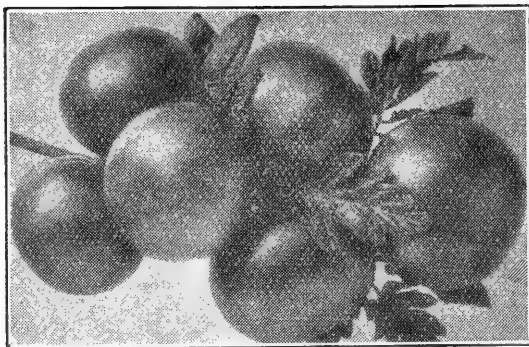
(Page 35)

WATER MELON—WAATLEMOEN.

(*Citrullus vulgaris*).

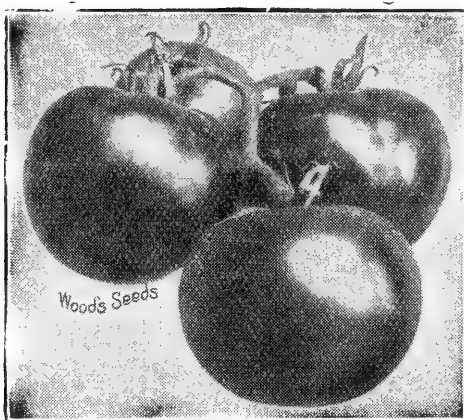
		F.	Per oz.	$\frac{1}{4}$ lb	lb
All varieties 4d. and 6d. per pkt.					
Alabama Sweets. —White Seed. Oblong in shape, large and attractive, skin bright green with darker stripings; flesh bright red, solid, sweet and entirely free of stringiness ...		6d	1/6	5/-	
Cape Ice Cream. —White Seed. A long melon, very early, luscious and crisp with a thin rind ...		9d	2/-	7/-	
Dark Icing. —White Seed. An extra early and extra good melon for home use and near-by market. It is one of the most delicious of melons, rich red and sugary to the very thin rind ...		6d	1/6	5/-	
Excel. —Black Seed. A large melon, rather late, dark green skin, tough rind, good carrier, a favourite in the Transvaal ...		9d	1/9	5/6	
Florida Favourite. —White Seed. Splendid large, long melon. It matures early, carries well and is a fine home melon. Its solid, juicy, bright crimson meat is deliciously sweet and the rind is thin ...		9d	1/9	5/6	
Georgia Rattlesnake. —White Seed. An old and favourite variety. It has a thin, tough rind and deep scarlet flesh with a flavour that is unsurpassed by any other variety ...		6d	1/6	5/-	
Halbert Honey. —White Seed. A long early melon with dark glossy green skin, crimson flesh, and unsurpassed for sweetness. It is splendid for home use and nearby markets.		9d	1/9	5/6	
Ice Cream. —White Seed. Oblong in shape, medium green colour, very thin rind, prolific, exquisite flavour, too brittle for shipping ...		6d	1/6	5/-	
Irish Gray. —White Seed. A large, long melon with light green rind which carries well and is of splendid quality, similar to "Thurmond Gray" ...		9d	1/9	5/6	
King and Queen Winter. —A round melon about the size of the Honey Dew Musk Melon; skin light cream with light green stripes; very early, prolific and of excellent quality; splendid shipper and if properly stored will keep several months; seed quite small and very black; period of growth about 85 days ...		9d	2/6	8/6	
Kleckley's Sweet. —White Seed. Dark green skin, thin rind, flesh sweet, crisp and sugary with a solid heart, a long melon of good shape ...		6d	1/6	5/-	
Klondike. —A long melon of good size and remarkably fine quality; rind dark green; flesh deep red; seeds small and mixed, black and white; splendid melon for the home garden and nearby market ...		9d	2/6	8/6	
Long Light Icing. —White Seed. Except for colour of seed this variety is in every way the same as "Sugar Stick," a long melon with light green tough rind and delicious flavour ...		9d	1/9	5/6	
Mammoth Ironclad. —A large and long melon with dark green rind with light green stripes; rind tough and carries well; late maturing; seeds white with a trace of brown ...		9d	1/9	5/6	
Sugar Stick. —Black Seed. One of the best of the long melons, light green, tough rind, delicious flavour ...		6d	1/6	5/-	
Thurmond Gray. —Brown Seed. A large, long melon, good carrier, light green rind, very fine quality ...		9d	1/9	5/6	
Tom Watson. —Brown Seed. A large and long melon. It has a dark green skin which is thin but tough and carries well. The flesh is deep red, crisp, melting, and of finest flavour ...		9d	1/9	5/6	
Wondermelon. —White Seed. A very fine variety in every way and handsome in appearance ...		9d	1/9	5/6	

ALL VEGETABLE SEEDS CAN BE HAD AT PRETORIA AT THESE PRICES.



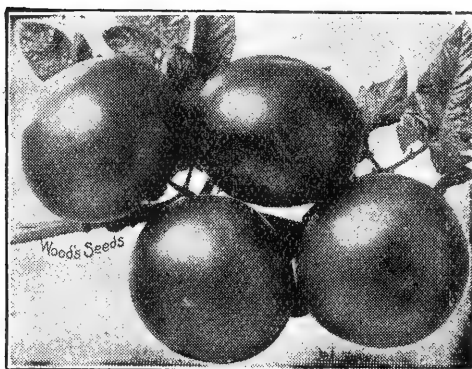
Bonnie Best Tomato

(Page 37)



Wood's Improved Beauty Tomato

(Page 37)



Perfection Tomato

(Page 37)

TOMATO—TAMATIE. (*Lycopersicum esculentum*).

All varieties 4d. and 6d. per pkt.

	F.	Per oz.	$\frac{1}{4}$ lb	lb
Alliance. —An early and productive variety; round smooth fruits of a bright red colour in clusters of 5 to 6; has the reputation of being a good disease resister and an excellent market gardener's variety	...	2/-	6/9	25/-
Bonnie Best. —Extra early, producing fruits of an intense scarlet colour and superb quality, suitable either for canning or for table, or ordinary market purposes	...	1/9	6/-	22/6
Chalks Jewel. —Extra early in maturity, a heavy cropper and of bright red or scarlet colour, being much after the style of "Matchless"	...	2/-	6/9	25/-
Danish Export. —An apple-shaped variety of medium size and very productive, the fruits produced in large clusters, splendid for canning	...	2/-	6/9	25/-
Golden Queen. —Large, smooth and bright yellow fruit; a fine productive medium-early variety	...	2/-	6/9	25/-
Hathaway's Excelsior. —Fruit apple-shaped, deep scarlet and smooth, in bunches of 3 to 6, medium size, ripens early	2/-	6/9	25/-	
Large Red Early. —A ribbed variety of fair size and giving a heavy yield, bunches of 3 to 6, ripens early	...	9d	1/9	6/-
Livingston's Coreless. —Bright red, almost round and very productive bearing clusters of 4 to 7 fruits 6 in. to 8 in. apart along the stem	...	2/6	8/6	30/-
Marglobe. —The fruits, which are borne in clusters of 5 to 7, are firm, smooth, solid, and of good size and shape; ripens well and is of good quality. The variety is said to be wilt resistant and remarkably tolerant to long periods of wet and unfavourable weather conditions	...	2/6	8/6	30/-
Marvel. —Fruit round or slightly flattened, quite smooth, bright scarlet, in numerous clusters, good size, keeps and travels well and has the reputation of being a good disease resister, very early	...	2/-	6/9	25/-
Matchless. —A thoroughly dependable variety suitable for canning and every other purpose, large fruits, solid, free from core and of good shape	...	2/-	6/9	25/-
Mikado Scarlet. —Large and smooth, bright scarlet, thick flesh, earlier than "Purple Mikado"	...	2/-	6/9	25/-
Norduke. —Large, smooth red fruits in profusion, medium early	3/-	10/-	35/-	
Pear-shaped Red. —The fruit is handsome and solid and the finest for preserves	...	1/9	6/-	22/6
Perfection. —Early, quite smooth, strong skin, solid, fine market variety and excellent for canning	...	2/-	6/9	25/-
Ponderosa. —Gives fruit of enormous size	...	2/-	6/9	25/-
President Garfield. —The fruits are large and of splendid table quality. The plant is a strong grower and heavy bearer	1/-	3/-	10/6	
Spark's Earliana. —Extra early, gives fruits of good size, solid and of good quality, probably the earliest of all Tomatoes	2/6	8/6	30/-	
Starke's Invincible Canning. —Because of its medium size, firm flesh and beautiful round shape, this variety is admirably suited for canning; the fruit is borne in clusters and the plant is an exceptionally heavy bearer	...	2/-	6/9	25/-
Trophy, Smooth. —An improved strain of this old favourite variety	...	2/-	6/9	25/-
Wood's Improved Beauty. —This is one of the most productive main crop Tomatoes. The strain we are offering is the result of continued selection and it has proved itself a very great favourite in South Africa, especially in the Transvaal. The fruits are always smooth, large and perfect form and quality. They are borne in clusters of 4 to 6. They ripen up well and early and the flesh is very firm and seldom cracks after rain. It is specially suited for transporting to distant markets	...	2/-	6/9	25/-

LETTUCE—SLAAI.

(*Lactuca sativa*).

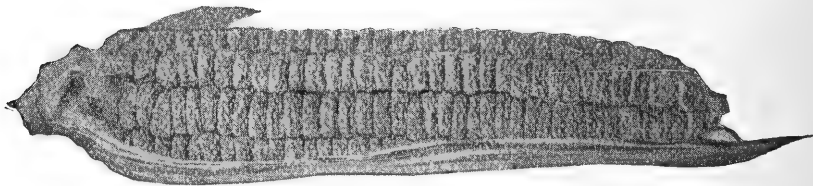
All varieties 4d. and 6d. per pkt.		F.	Per oz.	$\frac{1}{4}$ lb	lb
All the Year Round. —A small and quick-maturing variety which can be sown at almost any season. It is one of the most successful varieties	...	9d	2/6	8/6	
California Cream Butter. —Of distinct shape, heading up like a Cabbage and almost as solid. The colour is light green and the flavour rich and buttery	...	1/3	3/6	12/6	
Chicken Lettuce. —Grows 3 to 4 feet high and covered with leaves that may be pulled like Kale, growth is continued after cutting	...	1/3	3/6	12/6	
Curled Neapolitan. —A splendid Cabbage Lettuce. It produces a crisp and solid heart and grows to a good size	...	9d	2/6	8/6	
Drumhead or Malta. —Suitable for warm climates. The head at first resembles a Cos Lettuce but later forms up almost round	...	9d	1/9	5/6	
New York or Wonderful. —A sure-heading lettuce of large size and fine quality; the favourite of the market gardener	...	9d	2/6	8/6	
White Paris Cos. —The head is tall and very thick with a blunt top, colour light green, the most popular variety of this type	...	9d	2/6	8/6	

SPINACH—SPINASIE.

All varieties 4d. and 6d. per pkt.		F.	Per oz.	$\frac{1}{4}$ lb	lb
Bloomsdale Long Standing. —Thick dark green leaves, heavily crumpled, stands the heat better than most varieties; this is probably the most profitable variety for the market grower	...	6d	1/3	4/-	
Monstrous Viroflay. —A strong-growing variety producing, on good soil, immense tufts of large leaves of excellent quality	...	6d	9d	2/6	
New Zealand. —Valuable for summer growing as it stands the hot weather well	...	6d	1/-	3/-	
Prickly or Winter. —A winter variety. Sow with the first autumn rains in drills 18 in. apart and thin the plants to 12 in. apart in the row	...	6d	9d	2/6	
Green Cutting Spinach Beet or Swiss Chard	...	6d	9d	2/6	
Yellow Cutting Spinach Beet or Swiss Chard. —The roots of this Beet are undeveloped, the leaves being used for Spinach. The broad stems also when cooked and served with white sauce are delicious	...	6d	1/-	3/-	

SWEET CORN—SOET MIELIES.

(*Zea mays*).



Golden Bantam.

		F.	Per $\frac{1}{4}$ lb	lb	5 lbs
Bread Mealies. —Makes an excellent "Sweet Corn"	...	—	6d	2/-	
Country Gentleman. —It is the most popular of all Sugar Corns for the main crop and the home garden. It gives a long ear with deep grain and a thin cob	...	6d	1/-	4/-	
Golden Bantam. —Cobs short and compactly filled with large, creamy yellow kernels which become golden yellow as they ripen, delicious flavour	...	6d	1/-	4/-	

SUNDRY SALADS and GARNISHINGS, ETC.

All varieties 4d. and 6d. per pkt.		F.	Per oz.	$\frac{1}{4}$ lb	lb
Asparagus, Early Giant Argenteuil. —An early variety largely grown for the Paris market	...	6d	1/6	5/-	
Basil, Sweet.	...	9d	2/6	8/6	
Celery, Improved Cape. —A superior strain of table Celery; solid stems of finest quality; the variety most largely grown by Cape market gardeners	...	1/3	4/-	15/-	
Celery, Solid White. —An old and favourite variety and deservedly popular	...	1/-	3/6	12/6	
Celery, Woodside Soup. —This is the true Soup Celery and preferred by many experienced cooks for flavouring soups and stews	...	9d	2/6	8/6	
Chervil, Curled. —The leaves are used for garnishing as well as for flavouring soups, etc. The cultivation is the same as for Parsley	...	9d	2/3	7/6	
Chicory, Magdeburgh. —A large-rooted variety. The roots may be cooked and eaten like Parsnips or the leaves make an excellent salad when well blanched	...	9d	1/3	3/6	
Cress, Curled. —Used with White Mustard for growing "Mustard and Cress"	...	6d	9d	2/-	
Cress, Water. —A most wholesome herb. It is easily grown in the garden in a sunken trench in which plenty of well rotted manure has been buried and well mixed with the soil. The trench should be shaded until the plants are well up and must never be allowed to become dry while growth continues	...	1/3	4/-	15/-	
Dill. —A pot herb of which the leaves and umbels are used for pickling and the former for flavouring soups and sauces	...	9d	2/3	7/6	
Endive, Batavian Large Green. —Large and full, of a pale green colour	...	9d	2/6	8/6	
Endive, White Moss Curled. —Leaves very pale and attractive in appearance	...	9d	2/6	8/6	
Horse Radish (Roots: 9d each; 6/- per doz.)—Used as a condiment, or sauce, with roast beef. It is easily grown, needing the minimum of attention once it is established...	...	—	—	—	
Marjoram, Sweet	...	1/9	6/-	21/-	
Mushroom Spawn (9d per cake, 7/6 per doz.)	...	—	—	—	
Mustard, White. —This is the variety used for growing with cress	...	6d	9d	1/6	
Okra or Gumbo, Long Green. —The seed should be sown late in the spring in drills 3 ft. apart where the plants are to remain. Later the plants are thinned to 9 in. or 12 in. apart	...	1/-	3/-	10/6	
Parsley, Common or Plain	...	6d	9d	2/-	
Parsley, Extra Curled. —A superb strain, well curled and vigorous grower	...	6d	1/3	4/-	
Pepper, Large Bell or Bull Nose. —Gives large fruits of mild flavour. The plant is early and of compact habit	...	9d	2/3	7/6	
Pepper, Large Sweet Spanish. —The fruits are large and handsome and of very mild flavour. The plant is hardy but rather late in maturing	...	1/3	4/-	15/-	
Pepper, Long Red. —This well-known variety hardly needs description. It is perhaps more largely grown than all others	...	1/-	3/-	10/6	
Purslane, Green. —Leaves are eaten cooked or raw as salad...	...	1/-	3/6	12/6	
Sage, Broad Leaf. —The well-known herb	...	1/3	4/-	15/-	
Sorrel, Large Leaved French. —A very popular variety	...	1/-	3/-	10/6	
Thyme. —The well-known garden herb	...	3/-	10/6	40/-	

ALL VEGETABLE SEEDS SUPPLIED AT PRETORIA AT MOWBRAY PRICES.

KITCHEN GARDEN FRUITS.

All varieties 4d. and 6d. per pkt.

	F.	Per oz.	$\frac{1}{4}$ lb	lb
Egg Plant, Long Purple. —Long, smooth, dark purple fruit. Flesh firm and compact with few seeds	...	1/3	4/-	15/-
Egg Plant, New York Spineless. —Produces very large, oval, purple fruits of excellent quality. It is an early variety and one of the most popular	...	2/-	6/-	22/6
Gooseberry, Cape. —Sow in early spring and prick out into tins as soon as the plants can be handled. When large enough they are spaced 8 feet apart in the permanent situation. (Plants: 1/3 doz.; 5/3 100, posted.)	...	1/9	6/-	22/6
Gooseberry, Giant Austral. —The large-fruited Gooseberry, also known as American Gooseberry; rapid grower and heavy cropper; makes splendid jam	...	2/6	8/6	32/6
Rhubarb, Early Raspberry Red Ribbed. —Stalks thick, round, dark red, of excellent quality	...	3/-	10/6	40/-
Rhubarb Victoria (Plants 1/- each, 9/- doz.) —Rhubarb can be successfully raised from seed on a well-prepared bed in a sheltered situation. The soil should be rich and moist, and when the young plants are large enough to handle they should be transplanted into rows 3 feet apart each way. The plants will require a heavy dressing of well rotted manure each year and this may be supplemented with "Kudu" Garden Fertiliser. Sow the seed from July onwards	...	1/-	3/-	10/6
Loganberries. —Easily grown and delightful fruit; for jam it is splendid and for fruit pies and tarts it is delicious. Plants only: Each 1/3; doz. 10/6; Posted 2/- each; 12/- doz.	—	—	—	—



These Show Stands are supplied on loan to Stockists of STARKE'S "KUDU" BRAND SEEDS. Write now for particulars.

Flower Seeds.

Our PRETORIA BRANCH supplies all Flower Seeds at the same prices as we quote here.

If CASH is sent WITH THE ORDER we pay postage on all Flower Seeds to any address in South Africa.



ANTIRRHINUMS—LEEUBEKKIES.

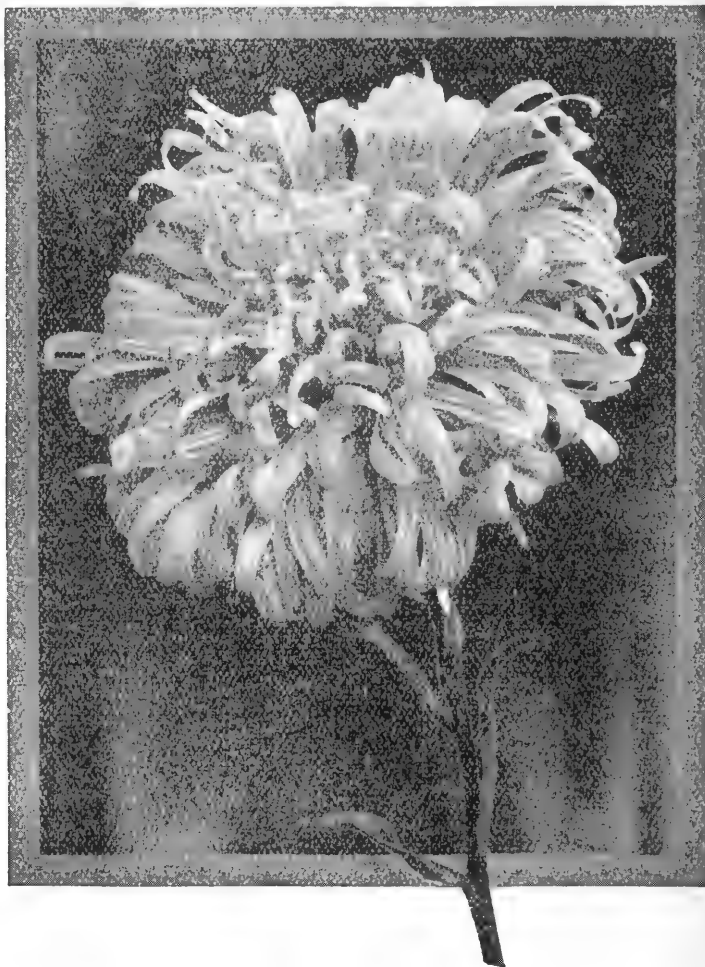
These magnificent plants provide an almost continuous supply of gorgeous flowers which are highly decorative alike in the garden and as cut blooms for indoor displays. Seed should be sown in early autumn and in spring. Transplant into well-drained sandy loam.

	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
Blood Red. —Tall. Fine deep colour	...	6d	2/3	7/6
Bonfire. —Tall. Bright cinnabar red, yellow blotch	...	6d	2/3	7/6
Crimson King. —Tall. Deep velvety crimson, very large	...	6d	3/-	10/6
Harmony. —Tall. Rich terra-cotta pink with yellow centre	...	6d	3/-	10/6
Monarch. —Deep velvety crimson, immense size	...	6d	6/-	21/-
Orange Beauty. —Tall. Orange-scarlet with gold lip	...	6d	4/-	15/-
Pink Domino. —Tall. Soft clear rose-pink	...	6d	3/6	12/6
Prince of Orange. —Most brilliant ensemble of gold and orange	...	6d	6/-	21/-
Queen Victoria. —Tall. Very large white	...	6d	1/6	5/-
Rose King. —Tall. Brilliant carmine-rose, deepening towards the centre; strong spike	...	6d	4/-	15/-
Sentinel. —Vivid orange-scarlet, white throat	...	6d	5/-	18/-
Torchlight. —Tall. Vivid orange with yellow centre and carmine tint	...	6d	3/6	12/6
Venus. —Tall. Delicate pink with white throat	...	6d	2/6	8/6
Yellow King. —Tall. Fine rich yellow, large flower	...	6d	4/-	15/-
"Monarch" Collection. —Six distinct varieties, our selection, for 2/6	...	—	—	—
"Superb" Collection. —Twelve distinct varieties, our selection, for 5/-	...	—	—	—
Majus Grandiflora Mixed. —Tall varieties in choicest mixture	4d, 6d	1/-	3/6	

ASTERS—SOMER ASTERS.

(*Callistephus hortensis*).

For a fine display of flowers in the late summer Asters are unsurpassed; they represent a wide range of colours and type of bloom. Seed should be sown in the early spring or plants may be obtained from our Nursery where we grow annually a fine assortment of the best varieties.



Giant of California.

ASTERS.

	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
American Branching. —Double. Azure Blue, Deep Rose, Purple, Rose-pink, Scarlet, White ...	6d	2/6	8/6	
American Branching. —Mixed. Flowers large, double and of fine form, strong growth, height $2\frac{1}{2}$ to 3 feet ...	6d	1/9	6/-	
California Giants. —Double. Dark Purple, Deep Rose, Light Blue, Peach Blossom, White ...	6d	4/9	17/6	
California Giants. —Double Mixed. Probably the finest strain of Asters in existence to-day, flowers of immense size with long stems, superb colours ...	6d	3/9	13/6	
California Giants. —Single Mixed. A new type developed from the double strain, the flowers are large with long stems, splendid florist's flower ...	6d	3/-	10/6	
California Giants. —Sunshine. Improved new giant, a very fine florist's flower; clear and beautiful colours in varying shades of Enchantress pink, apple blossom, deep rose, blue and lavender; a dual-tone effect is obtained through contrasting light yellow and blue centres; flowers 4 to 5 inches across with heavy stems 18 to 20 inches long, outer petals somewhat loosely placed creating an airy lace-like effect...	6d	6/9	25/-	

ASTERS (Continued).

	G.	Per pkt.	½ oz.	oz.
Crown or Cockade. —Tall Mixed. A fine strain, various colours with white centres	...	6d	1/9	6/-
Early Beauty. —This type is immensely popular as a florist's flower, the colours are good and their keeping qualities unsurpassed; planted at the same time this type flowers with American Branching. In separate colours; Crimson, Dark Lavender, Peach Blossom, Purple, Rose and White	6d	4/-	15/-	
Early Beauty (Wilt Resistant). —A wilt resistant strain has been developed in this fine type; we offer this in three colours, Crimson, Lavender and White, separately or mixed	6d	5/6	20/-	
Early Beauty, Mixed. —Has a fine range of colour	...	6d	2/3	7/6
Extra Early Express. —This is the earliest of all Asters; flowers large and full, of the Comet type. In separate colours or mixed—Carmine-rose, Crimson, Dark Blue, Light Blue, Rose and White	...	6d	5/6	20/-
Paeony-Flowered, Azure Fairy. —A mammoth strain, flowers of immense size, very double, long stout stems, quite free from laterals; colour clear azure blue	...	6d	5/-	18/6
Paeony-Flowered. —Choice Mixed. An excellent tall growing strain	...	4d, 6d	1/3	3/6

CARNATIONS—ANGELIERE.

(*Dianthus caryophyllus*).

For cut-flower nothing surpasses the Carnation. The cultivation of American Tree Carnations and Carnations of other types has assumed immense proportions with no indication of any falling off in the popularity of this charming flower. We give below a list of varieties of which seed can be supplied and will send on application a descriptive list of the best and latest in Tree Carnations of which we grow the choicest named kinds.

	G.	Per pkt.	½ oz.	oz.
American Perpetual Tree. —An excellent strain, sometimes varieties of great merit are raised from it. Seeds: 2/- per doz.; 10/6 per 100	...	2/-	—	—
Border Mixed. —Choice seedlings from double flowers	...	6d	5/-	17/6
Chabaud Giant. —Perpetual Flowering	...	6d	6/-	22/6
“Fire Queen”—Cardinal-red.	...			
“Rose Queen”—Pink.	...			
“White Queen”—Snow white.	...			
Separately or mixed.				
Chabaud Extra Choice. —Perpetual Flowering. A very fine strain of this superb carnation	...	6d	6/-	22/6
Giant of Nice. —Salmon. Very large flowers; robust grower; Red, Rose, Salmon, Striped and White, separately or mixed. Seeds: 1/- per doz.; 4/6 100; 40/- 1000	...	1/-	—	—
Margaret. —Choice Mixed. Extra early-flowering, fine colours	4d, 6d	2/6	8/6	
Margaret. —New Giant Flowered. (Malmaison strain). Choice mixture, much improved for size of flowers	...	6d	6/-	22/6
Margaret. —New Giant Flowered. “Yellow.” Very pure colour	1/-	8/-	30/-	
Starke's Perpetual Giant. —A remarkably fine strain in separate colours, crimson, red, rose, yellow and white. Seeds: 1/- doz.; 4/- 100; 30/- 1000	...	1/-	—	—

SOW STARKE'S TESTED SEEDS—THEY COST YOU LESS, REALLY, BECAUSE THEY GIVE BETTER RESULTS.

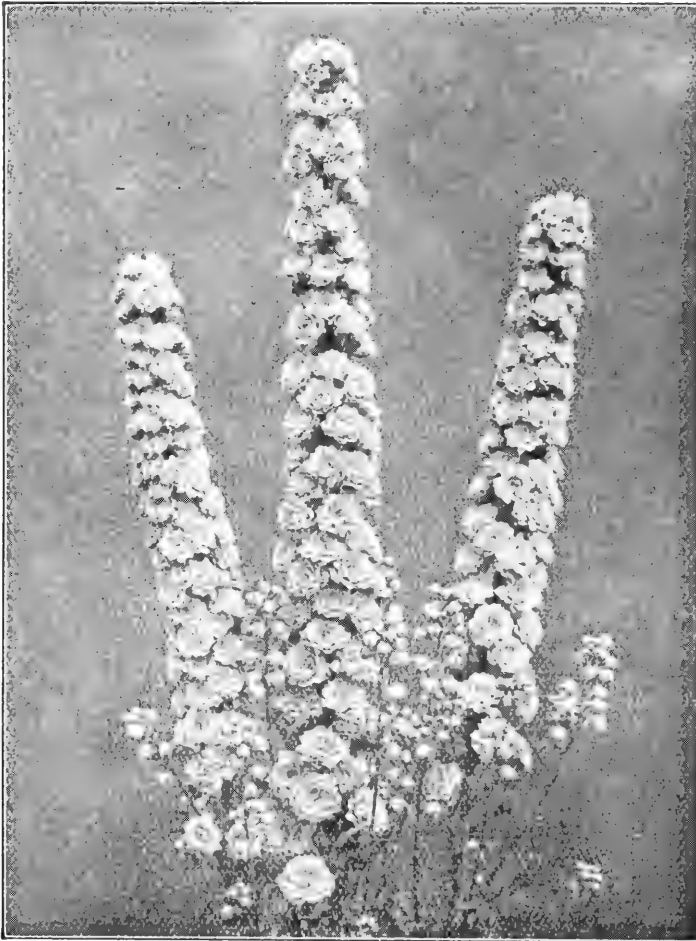
DELPHINIUMS.

These beautiful plants provide numerous shades of blue, a colour which is all too scarce among flowers, and their great popularity is richly deserved. In them the results of careful selection and hybridisation are remarkably apparent. The striking columnar spikes of bloom are freely produced and the foliage is shapely and of pleasing character. We offer seed of the best strains.

Culture.—Delphiniums delight in rich, well manured soil and in dry weather they should be freely watered. Liquid manure may be applied in the growing season.

DELPHINIUMS.

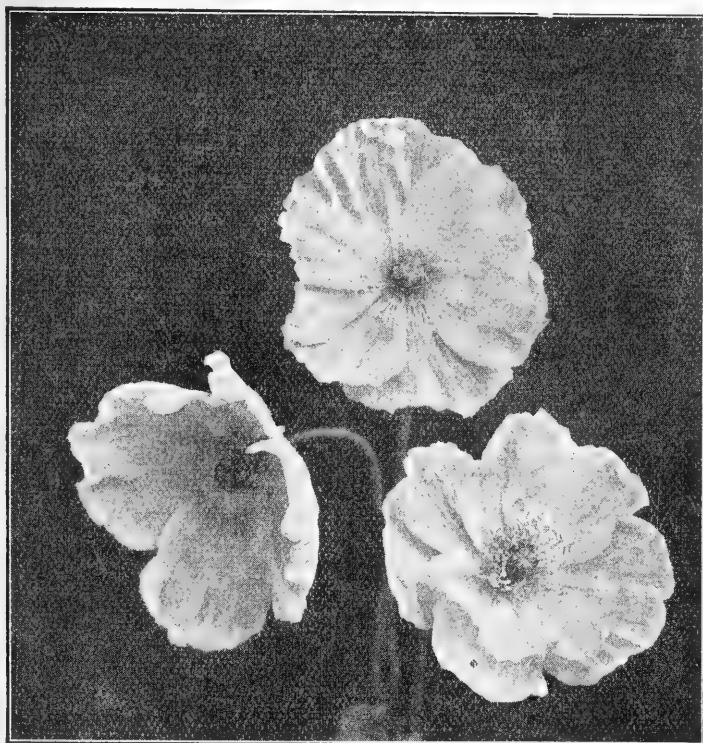
	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
Belladonna —A very fine type of freely branching habit	...	6d	6/-	20/-
Blackmore and Langdon's (Prize Strain).—Considered one of the finest strains in existence at the present time	...	1/-	11/6	40/-
Blue Butterfly .—Dwarf. A charming dwarf variety of deep blue colour, usually treated as an annual	...	6d	2/6	8/6
Excelsior Hybrids .—Mixed. A remarkably fine strain, gives some very beautiful shades of colour	...	6d	3/-	10/-
Formosum .—Mixed. Brilliant blue with black petals, various shades	...	1/-	6/9	25/-
"Hollyhock" Strain .—Mixed. A new and distinctive race with spire-like spikes in a fine range of rich and varied tints, a great improvement on the older kinds	...	1/-	12/6	45/-



DELPHINIUM HYBRIDS.

ICELAND POPPIES—YSLAND PAPAVERS.

The popularity of these fine Poppies is remarkable, as cut-flower they are unsurpassed and their cultivation is simple, try them!



ICELAND
POPPY.
"Coonara
Pinks."

ICELAND POPPIES.

	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
Coonara Pinks. —A new and beautiful strain in shades of pink; raised in Australia ...		1/-	22/6	—
El Monte. —Deep tangerine; a giant hybrid selection; enormous flowers on long wiry stems; comes true to colour, easily grown and will flower in six months from seed ...		1/-	8/-	30/-
"Gartref" Strain. —A new strain raised in Australia; a wide range of art shades with distinct edgings to the petals in contrasting tones; many have radiating zonal rings in brilliant scarlet and gold—others in softer shades; blossoms mostly $4\frac{1}{2}$ to $5\frac{1}{2}$ inches across on long stiff stems. (1.16 oz for 10/-) ...		1/-	37/6	—
"Heathfield" Strain. —Large blooms on strong stems; orange and yellow shades; a very fine strain ...		6d	2/3	7/6
Sandford's Aurora. —A new giant strain of great substance of petal with stems 2 to 3 ft. long and a wonderful range of colour ...		6d	8/-	30/-
"Sunbeam" Strain. —An improved strain; for length of stem, robust growth and size of flower, this strain is far in advance of the ordinary kinds ...		6d	2/3	7/6

APPRECIATIONS.

Vredenburg, 12.6.32.—I would like to mention that I have had some wonderful results from your 6d packets of Carnation seeds. I have a scarlet in flower 4in. across and was sown in April.

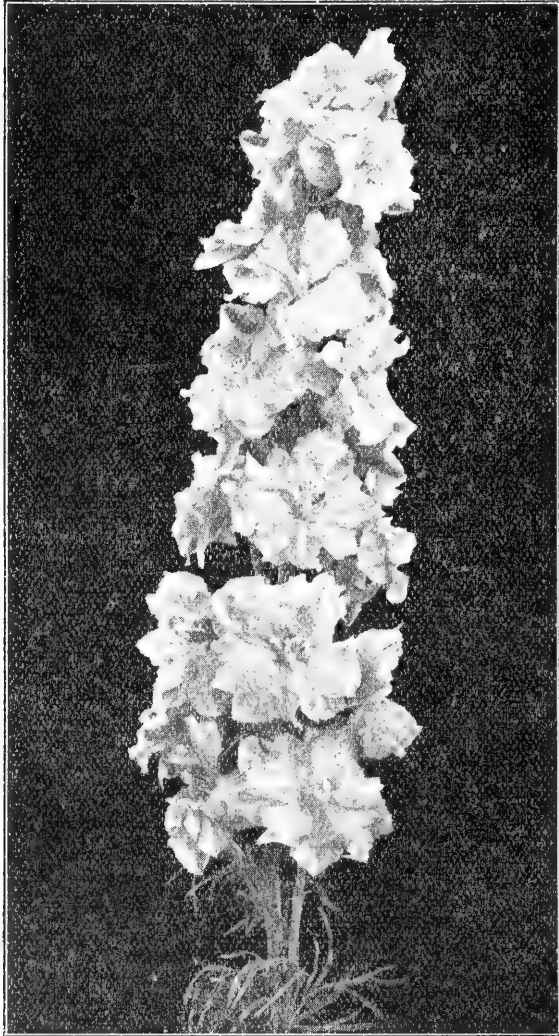
Oudtshoorn, 15.3.32.—The Zinnias I ordered from you last year were a huge success and admired by everybody.

Riversdale, 22.3.32.—Ek find u saad heltemaal uitstekend goed.

FOR BEST RESULTS SOW STARKE'S TESTED SEEDS.

LARKSPUR—RIDDEERSPOOR. (Annual Delphiniums).

Larkspurs have been wonderfully improved in recent years, and they are remarkably responsive to fair treatment in the garden, giving a magnificent display of bright colour. For cut-flower they are very fine and, while they are not so grand as the perennial Delphiniums, they are equally useful and much more easily grown.



LARKSPUR.

LARKSPURS.

Carmine King.—Deep carmine rose; improved upright of mammoth column type. Pkt. 6d., $\frac{1}{4}$ oz., 3/9; oz., 13/6.

Daintiness.—Delicate lavender; improved upright or mammoth column type. Pkt. 6d., $\frac{1}{4}$ oz., 3/9, oz. 13/6.

Double Branching.—Stock-Flowered. Finest mixed colours. Pkt. 6d., $\frac{1}{4}$ oz. 1/-, oz. 3/-.

La France.—Stock-Flowered. A delightful shade of salmon-pink; very floriferous, the large, well-formed, double flowers being well placed on the long stems. Pkt. 6d., $\frac{1}{4}$ oz. 2/6, oz. 8/6.

Los Angeles.—Rich salmon ground overlaid with a brilliant and pleasing rose; large double flowers on a tall, heavily branched stem. Pkt. 6d., $\frac{1}{4}$ oz. 3/6, oz. 10/6.

Rosy Scarlet.—Tall, handsome variety, lovely colour. Pkt. 6d., $\frac{1}{4}$ oz., 1/6, oz. 5/-.

Tall Branching Blue.—Splendid type and fine colour. Pkt. 6d., $\frac{1}{4}$ oz. 1/-, oz. 3/-.

Tall Branching Mixed.—A nice range of colour. Pkt. 4d. and 6d., $\frac{1}{4}$ oz. 9d., oz. 2/-.

Tall Rocket.—Hyacinth-Flowered. In separate colours; Ageratum Blue, Bright Violet and Mauve-rose. Pkt. 6d., $\frac{1}{4}$ oz., 1/3, oz. 4/-.

Tall Rocket.—Hyacinth-Flowered. Giant mixed, very choice. Pkt. 6d., $\frac{1}{4}$ oz. 9d., oz. 2/-.

PRETORIA BRANCH.

Our address in Pretoria is 292, Pretorius Street. If you prefer ordering your Flower Seeds from there you can do so, and the prices will be the same as quoted in this catalogue.

**BETTER SEED IS WORTH MORE BECAUSE YOU SOW LESS AND GET
A BIGGER YIELD.**

LUPINS—LUPINE.

All the Lupins are splendid for cut-flower and they are very easily grown.

LUPINUS.

	G.	Per pkt.	oz.	4 ozs.
Arboreus, Yellow. —Fine long spikes of soft yellow, a delightful shade	...	6d	1/3	4/-
Cruickshankii	...	6d	1/-	3/-
Hartwegii albus. —White	...	6d	1/6	5/-
Hartwegii nigrescens. —Beautiful rich blue	...	6d	2/-	7/-
Hartwegii roseus. —Pink	...	6d	1/6	5/-
Hirsutus, Large Blue. —Annual	...	6d	1/-	3/-
Hirsutus, Large Pink. —Annual	...	6d	1/-	3/-
Hirsutus, Large White. —Annual	...	6d	1/-	3/-
Polyphyllus, Gibson's Hybrids. —These magnificent hybrids give striking spikes of bloom in the choicest shades of colour	...	6d	6/6	24/-
Polyphyllus, Mixed. —Perennial. Long spikes of bloom in a fine range of colour	...	6d	2/6	8/6
Annual, Mixed. —These make a fine display of rich colouring.	...	6d	9d	1/6
Per lb 5/-

MARIGOLDS.

African and French Marigolds are old favourites of the garden but they, especially the former, have much improved in recent years and are now grown on a large scale for cut-flower. Their cultivation is extremely simple.

AFRICAN MARIGOLDS.

	G.	Per pkt.	¼ oz.	oz.
Lemon Queen. —Immense ball-shaped flowers on long stout stems; like "Prince of Orange", this is a greatly improved strain and the best of all Tall African Marigolds for cut-flower purposes	...	6d	5/-	17/6
Prince of Orange. —A much improved strain giving a high percentage of immense ball-shaped flowers on long stout stems	...	6d	5/-	17/6
Lemon. —Extra selected	...	6d	9d	2/6
Orange. —Extra selected	...	6d	2/-	6/-
Tall Double Mixed. —Free flowering	...	4d, 6d	9d	2/-

FRENCH MARIGOLDS.

	G.	Per pkt.	¼ oz.	oz.
Tall Double Mixed. —Prettily striped orange and lemon shades and bronze blotched	...	4d, 6d	9d	2/-
Tall Gold Striped. —From prize flowers; a very fine selection of extra large and well-marked flowers	...	6d	3/-	10/6

For English Marigold see *Calendula*.

PANSIES—GESIGGIES.

(*Viola tricolor*).

A favourite bedding plant in every garden. Some remarkably fine strains are included in the list below.

	G.	Per pkt.	¼ oz.	oz.
Large-Flowering. —Mixed. A fine assortment of colour	...	4d, 6d	2/6	8/6
Mammoth Exhibition. —Mixed. A very excellent strain	...	1/-	8/-	30/-
Masterpiece. —Mixed. Beautifully blotched and curled	...	1/-	8/-	30/-
Parisian Large Stained. —Mixed. A fine large-flowered strain	...	6d	4/-	15/-
Trimardeau Giant. —Mixed. Flowers of great size and beauty	...	6d	3/6	12/6
Variegated Striped. —Mixed. Very fine colours	...	6d	3/-	10/6

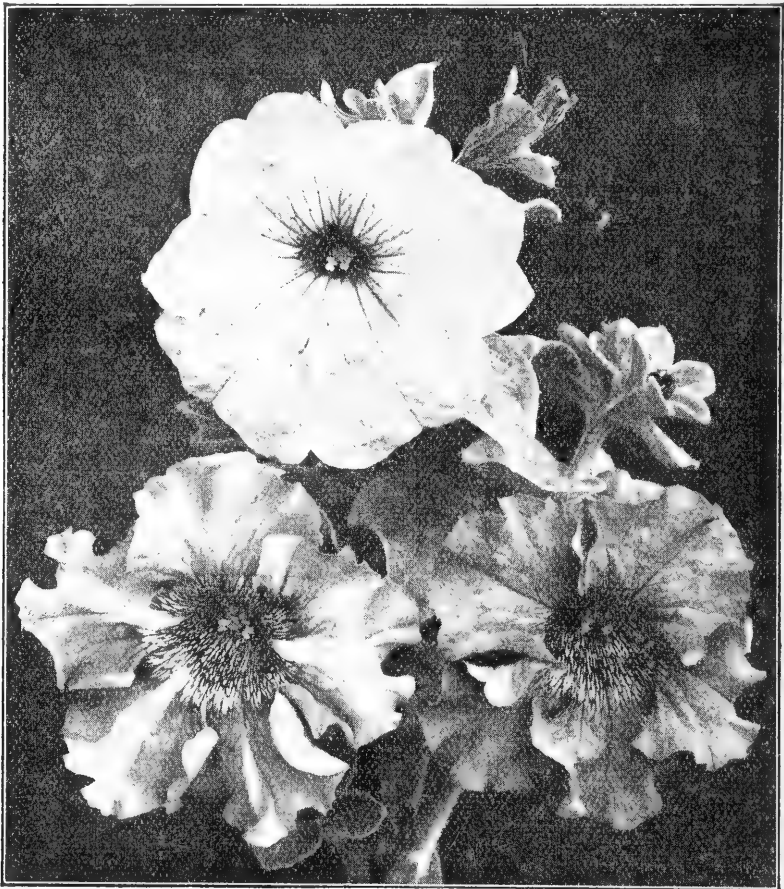
FOR BEST RESULTS SOW STARKE'S TESTED SEEDS.

PETUNIAS.

The rich velvety surface, the gorgeous colourings, the delicate veinings, and the size and wonderful form of the flowers, produced in such profusion, make an appeal which is irresistible. Petunias are not difficult to grow, although the best varieties do require some special care. For bedding the charming little dwarfs, now obtainable, are really delightful and make a wonderful show of colour.

PETUNIAS.

	G.	Per pkt.	1/16 oz.	1/2 oz.
Balcony Rose (<i>Petunia pendula</i>).—Branches freely from the base	1/-	12/-	45/-	
California Giants .—Single Fringed. Gigantic flowers in splendid variety, embracing every shade of crimson, pink, lavender, yellow and even black and a pure white; beautifully fringed	1/-	17/6	60/-	
Carnation Flowered .—Double Fringed. Of great size, fringed flowers like orchids of rare colours	1/-	—	—	
Dwarf Bedding .—Charming little dwarfs for massing in fine glowing colours:				
“ Gloria ,” bright rosy magenta, white throat.				
“ Purpurea ,” a fine purple.				
“ Snowball ,” very fine white.				
“ Special Mixture ,” many rich colours.				
All these are priced at 13/6 per oz.	6d	1/3	3/9	
Pink Triumph .—Fringed. Bright pink; robust growth; the best fringed Petunia of this colour	1/-	30/-	—	
Rosy Morn .—Excellent bedding variety. Per oz. 8/6	4d, 6d	1/-	2/6	
Superbissima .—Ruffled giants with large tigred throat, choicest mixed	1/-	40/-	—	
Violacea .—Grandiflora type. Deep violet-purple, enormous flower	1/-	25/-	—	
Splendid Mixed .—Saved from choice varieties. Per oz 5/-	4d	6d	1/6	



PETUNIA
California Giants, Single Fringed.

SALVIA—PRAGTIGE SALIE.

Soft-wooded shrubs with fine sprays of bright-coloured flowers. The several varieties of *S. splendens* with their bright scarlet flowers are much esteemed for bedding purposes and nothing will make a finer mass of colour than these. All the *Salvias* also make useful specimen plants for the shrubbery or border. They look best in clumps of several plants and thrive in a slightly sheltered situation.

SALVIA.

	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
Coccinea. —Fiery scarlet, dwarf	..	4d, 6d	1/-	3/-
Farinacea. —Light, bright lavender	...	6d	4/-	15/-
Patens. —Sky blue	...	1/-	8/-	30/-
Splendens. —Fine spikes of brilliant scarlet flowers, very free-flowering	...	6d	3/-	10/6
Splendens, Bonfire. —Vivid scarlet, splendid for massing	...	6d	3/6	12/6
Splendens, Tom Thumb, Vesuvius. —Grows about 10 inches high with very bright scarlet flowers, very floriferous, a very fine bedding variety	...	6d	4/-	15/-
Splendens, Violacea, Maroon Prince. —Very deep violet	...	1/-	8/-	30/-

STATICE—PAPIERBLOM.

Statice or Sea Lavender, as it is sometimes called, is a very popular florist's flower and most useful for home decoration. It is of the "everlasting" type and keeps longer in water than any other flower, or it may be dried when it will last for many months.

The cultivation is simple and it has the advantage of being partial to situations near the sea, thriving in sandy soil on which it would be difficult to produce a crop of any other kind.

STATICE.

	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
Bonduelli. —Annual. Yellow. 4 ozs. for 3/6	...	4d	6d	1/-
Caspia. —Perennial, pyramidal habit, purple flowers	...	6d	8/-	30/-
Incana hybrida nana alba. —A very useful white-flowering perennial Statice	...	6d	1/6	5/-
Latifolia. —Perennial. A delightful species with deep lavender-blue flowers; light and effective	...	6d	2/6	7/6
Macrophylla. —Perennial. Light blue flowers in large clusters; very fine	...	6d	3/9	13 6
Perezii. —Rich bright blue, tall grower, long stems with large loose head, very fine	...	6d	5/-	17/6
Sinensis. —Perennial. A very graceful plant; height 16 to 20 inches; flowers pure white with canary yellow; very beautiful. 4 ozs for 12/6	...	6d	1/-	3/6
Sinuata. —Annual. White, blue, yellow and rose, separately or mixed. Very popular cut-flower, 4 ozs for 3/-; per lb 10/6	...	4d	6d	1/-
Sinuata, "True Blue." —Annual. Rich navy blue. 4 ozs for 6/-; per lb 21/-	...	6d	9d	2/-

APPRECIATIONS.

Tokyo, Japan, 19.5.1932.—The parcel containing *Watsonia* bulbs arrived in very best condition, for which I thank you very much. Early in next season I shall send you another order.

Johannesburg, 20th Sept., 1932.—We have received the shrubs in first class condition, and the packing was excellent.

Kimberley, 8th July, 1932.—I have to thank you for the excellent young plants you sent me of Carnations. They arrived in excellent condition.

Beaufort West, 15th July, 1932.—The Sweet Pea seed I got from you in January is now in flower and what a sight! They are the only Sweet Peas here now in the Karroo. I am very proud of them.

Johannesburg, 18th July, 1932.—Roses arrived to-day in splendid condition and are fine large healthy trees and I am very pleased with them.

STOCKS—VIOLETTE.

(*Matthiola*).

Culture.—Stocks delight in a rich sandy loam and will not tolerate ill-drained soil. Sow early to provide strong plants for setting out in the early autumn.

	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
Abundance. —Carmine-rose, very large	...	6d	3/6	12/6
Almond Blossom. —White, shaded carmine	...	6d	3/6	12/6
Beauty of Nice. —Flesh-pink, early-flowering	...	6d	3/6	12/6
Cote D'Azur. —Blue of capri	...	6d	3/6	12/6
Crimson King (Etincelante).—Bright crimson	...	6d	3/6	12/6
Empress Elizabeth. —Beautiful bright rose	...	6d	3/6	12/6
Mont Blanc. —Improved white	...	6d	3/6	12/6
Queen Alexandra. —Pretty rosy lilac	...	6d	3/6	12/6
Rose of Nice. —Mauve, very early	...	6d	3/6	12/6
Souvenir of Monaco. —Brilliant crimson, very early	...	6d	3/6	12/6
Souvenir of Monte Carlo. —Canary yellow	...	6d	3/6	12/6
Violet of Nice. —A fine rich colour, dark violet	...	6d	3/6	12/6
Violet of Parma. —Strong grower, free-flowering, light violet	...	6d	3/6	12/6
White Lady. —A superb white, good grower	...	6d	3/6	12/6
"Monarch" Collection. —Six separate colours, our choice, for 2/6	—	—	—	—
"Superb" Collection. —Twelve separate colours, our selection, for 5/-	—	—	—	—
German Double Mixed. —A choice strain which gives a very high percentage of double flowers	...	6d	4/-	15/-
Giant Perfection Mixed. —Very long spikes, branching habit, fine for cutting	...	6d	6/9	25/-
"Nice" Stocks Mixed. —A very fine mixture including the best colours of this popular type	...	4d, 6d	3/6	12/6

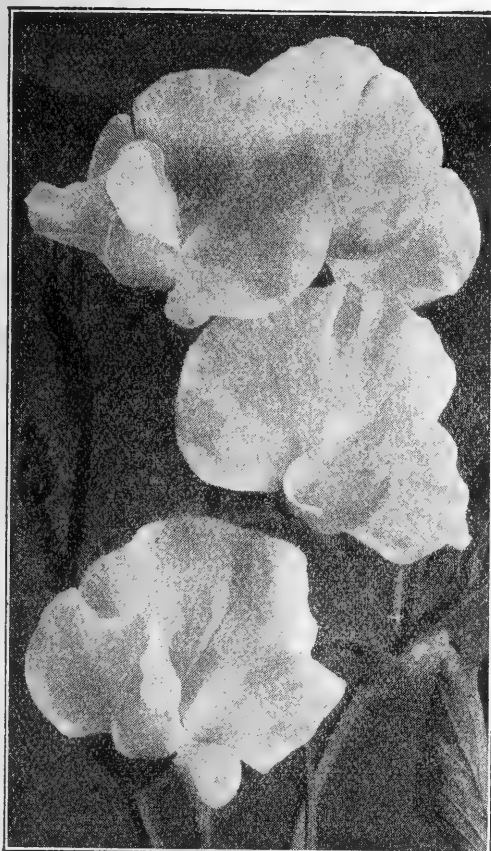
SWEET PEAS—PRONK-ERTJIES. SUMMER-FLOWERING VARIETIES.

	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
Black Bess. —Violet-black	...	6d	9d	1/6
Challenger. —Deep intense and glowing rose, broad cream or ivory margin to standard and wings	...	6d	9d	2/-
Charity. —Glossy glowing crimson, a good exhibition pea, always four on a stem if disbudded	...	6d	9d	1/6
Charming. —Fine rosy cerise	...	4d	6d	1/-
Colorado. —Dazzling orange-scarlet, flowers extra large and beautifully formed	...	4d	6d	1/-
George Shawyer. —Brilliant orange-salmon	...	4d	6d	1/-
Gold Crest. —Rich orange shaded salmon	...	6d	9d	1/6
Guinea Gold. —Deep golden orange	...	6d	9d	1/6
Hawthorn Maroon. —Rich red maroon	...	4d	6d	1/-
Huntsman. —A bright shade of scarlet, quite sun-proof	...	6d	9d	1/6
Ivory Picture. —Rich cream or old ivory	...	6d	9d	1/6
Mammoth. —Orange-scarlet, blended with a soft scarlet and gold at the outer edge of the standard	...	6d	9d	1/6
Mary Pickford. —Dainty cream-pink, suffused salmon, very large	...	6d	9d	1/6
Mermaid. —A fine rich bright blue, well shaped blooms	...	4d	6d	1/-
Miss California. —Warm salmon-pink, extra large flowers	...	6d	9d	1/6
Model. —Large white flowers, well frilled	...	4d	6d	1/-
Mrs. C. P. Tomlin. —Bright scarlet with a touch of fiery red	...	4d	6d	1/-
Powerscourt. —Very large-flowered lavender	...	4d	6d	1/-
Royal Purple. —Fine royal purple, very distinct, great size, gives plenty of fours; an exhibition variety of first quality	...	4d	6d	1/-
Ruffled Beauty. —Clear lilac-pink over amber ground. This is a new type and greatly favoured by gardeners as an improvement over the older frilled varieties	...	6d	1/-	3/-
Wembley. —Lavender and plumbago blue with a silvery sheen overlaying the deeper tone	...	6d	9d	1/6
"Monarch" Collection. —Six distinct varieties, our selection, for 2/6	—	—	—	—
"Superb" Collection. —Twelve distinct varieties, our selection, for 5/-	—	—	—	—
Rainbow Mixture. —A choice assortment including the latest waved-standard varieties. Per lb 10/6	...	4d	6d	9d

SWEET PEAS—PRONK-ERTJIES.

EARLY or WINTER-FLOWERING VARIETIES

(Sub-tropical).



Betsy Ross.—Warm soft rose; beautifully ruffled. Pkt. 9d; $\frac{1}{4}$ oz. $\frac{2}{3}$; oz. $\frac{7}{6}$.

Blue Bird.—A charming shade of blue. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{3}$; oz. $\frac{3}{9}$.

Blue Jacket.—Rich dark navy blue. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{3}$; oz. $\frac{3}{9}$.

Burpee's Lavender.—Light Wistaria lavender. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{3}$; oz. $\frac{3}{9}$.

Burpee's Orange.—Clear orange. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{6}$; oz. $\frac{4}{6}$.

Canary Bird.—Rich cream. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{3}$; oz. $\frac{3}{9}$.

Charm.—Glowing rich rose-pink. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{3}$; oz. $\frac{3}{9}$.

Early King.—Glowing bright crimson. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{3}$; oz. $\frac{3}{9}$.

Eldorado.—Orange. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{6}$; oz. $\frac{4}{6}$.

Fire King.—Magnificent fiery red or scarlet-cerise. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{3}$; oz. $\frac{3}{9}$.

Flamingo.—Orange-salmon. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{3}$; oz. $\frac{3}{9}$.

Gleam.—Bright geranium-pink. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{6}$; oz. $\frac{4}{6}$.

Glitters.—Bright orange-scarlet. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{3}$; oz. $\frac{3}{9}$.

Harlequin.—Light heliotrope ground, striped and flaked deep chocolate and claret. Pkt. 6d.; $\frac{1}{4}$ oz. $\frac{1}{3}$; oz. $\frac{3}{9}$.

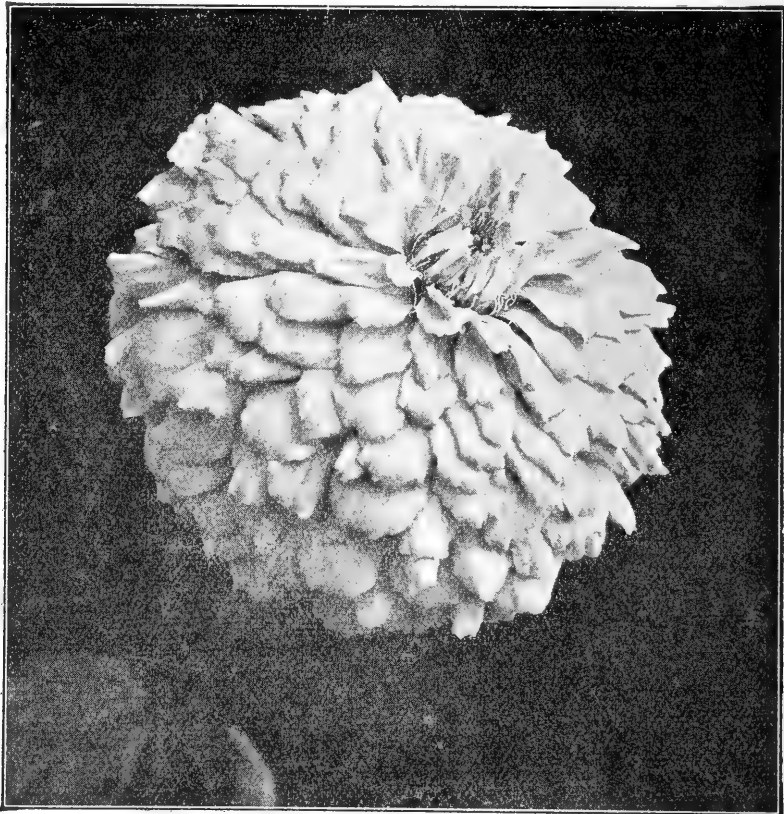
"Snowstorm Improved"

	Per pkt.	$\frac{1}{4}$ oz.	oz.
Jean Burpee. —An exquisite shade of bright pink somewhat richer towards the edges of standard and wings	1/6	4/-	15/-
Lavender King. —Rich and true deep lavender	6d	$\frac{1}{3}$	$\frac{3}{9}$
Maroon Prince. —Rich reddish maroon	6d	$\frac{1}{3}$	$\frac{3}{9}$
Mauve Beauty. —A very pleasing shade of rosy mauve	6d	$\frac{1}{3}$	$\frac{3}{9}$
Miss Louise Gude. —Shell-pink	6d	$\frac{1}{3}$	$\frac{3}{9}$
Miss Spokane. —Bright peach-red with wings shaded scarlet	6d	$\frac{1}{6}$	$\frac{4}{6}$
Mrs. Kerr. —Large well waved salmon	6d	$\frac{1}{6}$	$\frac{4}{6}$
Princess. —Soft lavender	6d	$\frac{1}{3}$	$\frac{3}{9}$
Rosebud. —Bright shining rose with a delicate suffusion	6d	$\frac{1}{3}$	$\frac{3}{9}$
Snowstorm Improved. —A large waved perfect white of excellent texture	6d	$\frac{1}{3}$	$\frac{3}{9}$
Spring Song. —An excellent cream-pink	6d	$\frac{1}{3}$	$\frac{3}{9}$
Superior Pink. —A pleasing shade of glowing pink with a faint salmon suffusion	6d	$\frac{1}{3}$	$\frac{3}{9}$
True Blue. —A pretty shade of blue	6d	$\frac{1}{3}$	$\frac{3}{9}$
Vulcan. —Dazzling scarlet-cerise	6d	$\frac{1}{6}$	$\frac{4}{6}$
Yarrowa. —Bright rose-pink, wings a lighter shade	6d	$\frac{1}{3}$	$\frac{3}{9}$
"Monarch" Collection. —Six distinct varieties, our selection, for 2/6	—	—	—
"Superb" Collection. —Twelve distinct varieties, our selection, for 5/-	—	—	—
Winter Super Mixture. —This is not a nondescript mixture but a superior collection of named varieties grown together to reduce the cost of production and is sold with confidence as being an assortment of choicest varieties that will please the most discriminating grower. Per lb 20/-	4d	6d	$\frac{1}{6}$

ZINNIAS—JAKOP REGOP.

The improved types of Zinnias which we are offering are very fine indeed and cannot be beaten as cut-flower for home decoration. Their cultivation is simple if it is remembered that they are essentially summer growers and must not be sown too early if the weather is cold.

ZINNIAS.		G.	Per pkt.	½ oz.	oz.
California Giants,	"Orange Queen."—Golden yellow	...	6d	2/6	8/6
California Giants,	"Rose Queen."—Striking bright rose	...	6d	2/6	8/6
California Giants,	"Scarlet Gem."—Glowing scarlet	...	6d	2/6	8/6
California Giants,	Mixed.—These have looser petals than the older types and a very pleasing appearance, very large, fine colours	...	4d, 6d	2/-	7/6
Dahlia Flowered,	"Crimson Monarch."—Largest and best of the red shades	...	6d	3/-	10/6
Dahlia Flowered,	"Exquisite."—Light rose with deep rose centre; the most pleasing of our collection	...	6d	3/-	10/6
Dahlia Flowered,	"Golden State."—A very rich orange-yellow	...	6d	3/-	10/6
Dahlia Flowered,	"Scarlet Flame."—Beautiful bright scarlet with a delightful blending of orange throughout the petal, very large	...	6d	3/-	10/6
Dahlia Flowered,	Mixed.—Equally good as a garden flower and as a florist's speciality, large size, fine colours, keeps well when cut	...	4d, 6d	2/-	6/6
Giant Robusta, Double.	In separate colours: Bright Rose, Canary Yellow, Crimson and Scarlet	...	6d	2/-	6/6
Plenissima Robusta, Mixed.	The best of the older strains, bright colours, immense blooms	...	4d, 6d	1/6	4/6



ZINNIA ROBUSTA.

General List of Flower Seeds.

Our Pretoria Branch supplies all Flower Seeds at the same prices as we quote here:-

If Cash is sent with the Order we pay postage on all Flower Seeds
to any address in South Africa.

	G.	Per pkt.	¼ oz.	oz.
Adonis vernalis. —Spring-flowering perennial herb, bright yellow	...	1/-	8/6	30/-
Ageratum, Imperial Dwarf. —Blue	...	6d	1/-	3/6
Althaea rosea. —See Hollyhock	...	—	—	—
Alyssum. —"Lilac Queen." Pretty lilac flowers	...	6d	1/6	5/-
Alyssum maritimum (White Sweet Alyssum).—Dwarf, compact, sweet scented and free flowering annual; successive sowings may be made during spring and early summer...	4d, 6d	9d	2/-	
Anchusa riparia. —A very fine species of mixed blues	...	6d	2/6	8/6
Anemone coronaria. —Dwarf Chrysanthemum-Flowered. Large flowers and very showy	...	6d	2/3	7/6
Anemone coronaria. —Single French. Giant flowered single. Our strain includes a fine range of colour and form	4d, 6d	1/6	4/-	
Anemone coronaria. —"St. Brigid." Mostly semi-double and very free-flowering, splendid mixture	...	6d	5/6	20/-
Antirrhinum majus (Mixed).—Tall Snapdragons. Highly decorative, producing an almost continuous supply of flowers in innumerable colours. For named sorts see special list	4d, 6d	1/-	3/6	
Aquilegia hybrida. —Blackmore and Langdon's fine strain of Long Spurred Hybrids in splendid mixture	...	6d	6/-	21/-
Aquilegia hybrida. —Mrs. Scott Elliott's Strain. A strain of long-spurred hybrids comprising the most beautiful colours	...	6d	6/-	21/-
Aquilegia hybrida. —Choice Mixed Columbines. Excellent as cut flower for decorative effect, especially under artificial light	4d, 6d	1/3	4/-	
Arctotis grandis. —Pale blue, annual	...	6d	1/9	6/-



BEGONIA
Tuberous
Rooted.

FLOWER SEEDS.

	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
Arctotis laevis. —Large flowers in a fine range of colours, flowering early as an annual, $1\frac{1}{2}$ feet ...	6d	2/-	7/6	
Arctotis petiolata. —Orange, dark green foliage, perennial ...	6d	2/-	6/6	
Arctotis speciosa. —Orange, dark reverse, perennial ...	6d	2/6	—	
Arctotis hybrids. —An improved strain of these fine South African Daisies in a wonderful range of colour ...	6d	4/-	15/-	
Aristea capitata. —A magnificent bulbous plant with deep blue flowers on a spike four to five feet high ...	6d	3/-	10/6	
Asparagus plumosus nanus. —A charming pot plant, also useful for hanging baskets. The fern-like leaves are much used by florists ...	6d	2/3	7/6	
Asparagus Sprengeri. —A fern-like plant, useful for stoep culture and hanging baskets ...	6d	2/3	7/6	
Asters (Callistephus). —Choice Mixed. Delightful summer growing plants having a wide range of colour and type of bloom. See special list for choice named sorts ...	4d, 6d	2/-	6/6	
Aubrietia Graeca. —Purple perennial, excellent for spring bedding or the rockery, very dwarf habit ...	6d	4/-	15/-	
Babiana disticha. —Pale lilac ...	6d	2/3	—	
Babiana stricta. —Various colours ...	6d	2/-	—	
Bablana sp. —Blue ...	6d	2/-	—	
Babiana sp. —White, very choice ...	6d	3/-	—	
Babiana, Mixed. —Early-flowering crocus-like flowers, in many colours; easily grown from seed ...	6d	1/6	5/-	
Balsam. —Camellia-Flowered, Mixed. Rapid grower, hardy annual; flowers of exquisite form and colour are borne in the axils of the leaves ...	4d, 6d	1/6	5/-	



**ANEMONE
CORONARIA.
"St. Brigid."**

FLOWER SEEDS.

	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
Baptisia Australis. —A beautiful plant for the herbaceous border, allied to Podalyria, closely resembling Lupinus, colour soft blue	...	6d	4/-	15/-
Barberton Daisy. —Gerbera Jamesoni. The well-known scarlet Transvaal species. Per dozen seeds 6d; 100 2/6; 1000 20/-	...	—	—	—
Barberton Daisy Hybrids. —Beautiful long-stemmed daisies in a fine range of colour from cream through all the shades of red, finest of cut flowers. Seeds 6d a doz.; 2/6 per 100; 20/- per 1000	...	—	—	—
Begonia Tuberous. —Double Mixed. Magnificent colours, saved from a Prize Double Strain. Growers must not expect all doubles as there are always many singles among the very best seedlings	...	1/6	—	—
Bellis perennis (Grandiflora alba).—Very fine large flowers, white	...	6d	5/-	18/6
Bellis perennis (Monstrosa rosea).—Strong robust habit and extra large flowers, pink	...	6d	4/-	15/-
Bellis perennis. —Double Daisy Mixed. These beautiful English Daisies are admirable for bed-edging. Free flowering, dwarf habit	...	6d	2/6	8/6
Bulbine caulescens. —Straggling habit; elongated fleshy leaves with long spikes of starlike flowers	...	6d	3/-	10/-
Calceolaria, Covent Garden Strain.—Herbaceous greenhouse plants of great beauty	...	1/-	—	—
Calendula, "Campfire." —Marigold. Large flat blooms on stout stems; one of the finest varieties in existence to-day	...	6d	2/3	7/6



**CALENDULA
"RADIO"**

Calendula, "Radio." —Marigold. A charming novelty; orange with quilled petals	...	6d	1/3	4/6
Calendula, Mixed. —Marigold. Bright golden yellow and orange flowers freely produced, sow in early autumn, flowering continues for a lengthy period	...	4d, 6d	9d	2/-
Calliopsis. —See Coreopsis	...	—	—	—
Campanula calycanthema. —Cup and Saucer Canterbury Bells. The calyx is very large and as showy as many types of Clematis. The plants are of good pyramidal habit	...	6d	3/-	10/6
Campanula, Double Mixed. —Canterbury Bells. A fine double and semi-double flowering strain of these beautiful plants	...	4d, 6d	1/6	4/6
Campanula, Single Mixed. —Canterbury Bells. These beautiful biennials produce a wealth of bloom during the spring and early summer from seed sown the previous season	...	4d, 6d	9d	2/-
Candytuft, Sweet Scented. —White, very popular strain	...	4d	6d	1/-
Candytuft, White. —Giant Hyacinth-Flowered. A selected strain giving immense spikes of pure white bloom	...	6d	1/-	3/-

FLOWER SEEDS.

	G.	Per pkt.	1/2 oz.	oz.
Candytuft, White Rocket. —Long trusses of white bloom	...	6d	9d	2/6
Candytuft, Mixed. —A fine selection of colour	...	4d, 6d	9d	2/-
Cannas. —Very Choice Mixed. Saved from magnificent varieties Per 4 ozs 2/-	...	4d	6d	9d
Carnation. —See special list	...	—	—	—
Celosia cristata. —True Cockscomb. A useful ornamental annual for planting in beds or clumps	...	6d	3/-	10/6
Celosia Thompsoni magnifica. —Thompson's Feathered Cocks- comb. An improved strain of feathered Cockscomb, splen- did range of colours	...	4d, 6d	1/6	5/-
Celosia Thompsoni Magnifica, Jaune d'Or. —Fine golden yellow	...	6d	3/-	10/6
Centaurea cyanus minor. —See Cornflower	...	—	—	—
Centaurea imperialis. —See Sweet Sultan	...	—	—	—
Ceratotheca triloba. —A tall biennial with rosy mauve tubular flowers somewhat resembling Foxglove, a very fine sum- mer-flowering plant	...	6d	1/-	3/-
Charieis heterophylla. —Small blue annual daisy, resembling Felicia; useful for bedding	...	6d	2/6	8/6
Cheiranthus. —See Wallflower	...	—	—	—
Chrysanthemum carinatum. —"Tricolor." White and yellow; annual	...	4d, 6d	9d	2/-
Chrysanthemum inodorum. —"Snowball." Fine double white, splendid for cut-flower	...	6d	5/-	17/6
Chrysanthemum leucanthemum. —Ox-eye Daisy. Very fine large white daisy with long stems	...	4d, 6d	1/-	3/-
Chrysanthemum maximum. —See Shasta Daisy	...	—	—	—
Cineraria. —Dwarf Large-Flowered. Extra fine mixed. Very showy annuals for pot culture for indoor decoration	...	1/-	45/-	—
Clarkia elegans, Scarlet Queen. —Double, intense orange-scarlet	...	6d	1/3	4/-
Clarkia elegans. —Mixed. A beautiful mixture of the finest shades	...	4d, 6d	1/-	3/-
Clarkia elegans rosea. —Pink Clarkia. Tall-growing hardy an- nuals for the middle lines of borders	...	4d, 6d	1/-	3/-
Cobaea scandens. —Purple. A fine climber, half-hardy, ever- green, rapid grower	...	4d, 6d	1/6	5/-
Coleus. —Splendid Mixed. Charming pot plants, grown for their superb foliage	...	6d	—	—
Colutea arborescens. —Bladder senna. A shrubby plant with curious pods; resembles Sutherlandia frutescens; yellow	...	4d	6d	1/-
Convolvulus major. —Tall. In choicest mixture	...	4d	6d	9d
Coreopsis tinctoria. —Bicolor. Yellow and black, very showy, splendid for cut flower, makes bright display of colour in the garden	...	4d	6d	1/6
Cornflower, Emperor William. —Deep blue flowers, excellent for cut bloom.	...	4d	6d	1/6
Cornflower, Mixed. —Hardy annual plants, rapid growing and free flowering	...	4d	6d	1/6
Cosmos, "Crimson King." —A new type, gives a large per- centage of double flowers	...	6d	3/6	12/6
Cosmos, "Pink Beauty." —Gives a good percentage of double flowers	...	6d	3/6	12/6
Cosmos, "White Queen." —A fine double-flowering variety, gives very few singles	...	6d	3/6	12/6
Cosmos, "Mammoth Mixed." —A large-flowering strain with a fine range of colour	...	6d	9d	2/-
Cyclamen Persicum. —Extra Choice. Beautiful bulbous plants for pot culture and easily raised from seed, lovely flowers of vivid colouring. Seeds: 1/- for 25	...	1/-	22/6	—
Dahlia, Choice Mixed. —Double. Some very fine varieties are frequently raised from this seed, although the surest way is to buy tubers of named varieties	...	6d	3/6	12/6
Dahlia, Unwin's Dwarf Hybrids. —Charming bedding Dahlias, easily raised from seed; height 18 to 20 inches; very early, often flowering within 4 months from sowing and they embrace a most charming range of colours	...	1/-	10/6	40/-
Delphiniums. —See special list. See also Larkspurs	...	—	—	—

FLOWER SEEDS.

	G.	Per pkt.	½ oz.	oz.
Dianthus Allwoodii. —A hybrid between the Carnation and Pink, extremely floriferous, varied colours. Seeds 1/6 per doz.; 10/6 per 100	...	1/6	—	—
Dianthus barbatus. —See Sweet William	...	—	—	—
Dianthus caryophyllus. —Carnation. See special list	...	—	—	—
Dianthus Chinensis. —Indian Pinks. One of the prettiest of the Eastern annuals, fine mixed colours giving a grand border effect	...	4d, 6d	1/-	3/-
Dianthus Heddeiwigii. —Japanese Pinks. Double mixed, an extra fine strain	...	4d, 6d	1/6	5/-
Didiscus coeruleus. —Lace Plant. A pretty blue annual	...	6d	2/6	8/6
Dierama pendulum. —Soft rosy white funnel-shaped flowers drooping gracefully from threadlike stalks carried on a tall stem, a charming bulbous plant	...	6d	6/-	21/-
Digitalis. —See Foxglove	...	—	—	—
Dimorphotheca aurantiaca. —Charming South African Daisies for bedding, colours variable, cream and yellow	...	4d, 6d	1/9	6/-
Dimorphotheca pluvialis, var. ringens. —Large white daisy-flowers on trailing stems, remarkably fine and a good drought resister; likes sunny situation	...	6d	2/3	7/6
Eschscholtzia, "Carmine King." —Brilliant carmine	...	6d	1/9	6/-
Eschscholtzia Californica. —A choice mixture, bright showy and free-flowering annuals	...	4d, 6d	1/-	3/-
Felicia Bergianus. —Brilliant annual; blue ray and yellow disc	...	6d	4/-	15/-
Felicia Capensis. —A very pretty dwarf-growing plant; masses of beautiful blue Aster-like flowers	...	6d	2/6	8/6
Felicia rotundifolia. —Blue Aubrietia-like perennial	...	6d	4/-	15/-
Forget-Me-Not. —See Myosotis	...	—	—	—
Foxglove (<i>Digitalis gloxinoides</i>).—The Gloxinia-flowered giant spotted Foxglove, a fine range of colours is found in this type	...	4d, 6d	1/3	3/6
Freesia refracta alba. —These beautiful bulbous plants are easily raised from seed; many of the seedlings will flower the first season	...	4d, 6d	1/-	3/-
Gaillardia grandiflora. —Newest perennial varieties, these hardy composites are among the gayest of summer flowers for the mixed border	...	6d	1/3	4/6
Gaillardia picta. —Single Mixed. An excellent strain	...	4d, 6d	9d	2/6
Gaillardia picta Lorenziana. —Double Mixed. Choice mixed colours	...	4d, 6d	1/3	3/6
Gazania hirtella. —A magnificent crimson, large flowers, grey leaves	...	6d	6/9	25/-
Gazania pavonia. —Orange; low-growing border or bedding plant with large daisy-flowers; very showy	...	6d	3/-	10/6
Gazania pinnata. —Orange, tall stems	...	6d	4/-	15/-
Gazania Pottsii. —Yellows and oranges; free and prolonged flowering	...	6d	3/-	10/6
Gerbera. —See Barberton Daisy	...	—	—	—
Geum coccineum, "Mrs. Bradshaw." —Fine double crimson flowers	...	6d	4/-	15/-
Geum, "Lady Stratheden." —Fine double yellow, of same type as "Mrs. Bradshaw"	...	6d	6/-	21/-
Geum coccineum. —Hardy herbaceous perennials, dazzling scarlet, very showy	...	4d, 6d	1/6	5/-
Gilia coronopifolia. —Biennial. Grows to a height of 4 ft. with a striking spike of scarlet flowers 1 ft. long	...	1/-	10/6	40/-
Gladiolus callistis. —A scented species; white to pink and purple marked	...	6d	5/6	20/-
Globe Amaranth, Mixed. —Brilliant annuals in many striking colours	...	6d	9d	2/-
Gloxinia hybrida. —Suited to a cool greenhouse, magnificent tubular bell-shaped flowers in a gorgeous range of colour, they will flower the first season from seed	...	1/-	—	—
Godetia, Pink. —Deep satiny pink, a charming colour	...	6d	1/3	4/-
Godetia Whitneyi. —Choice Mixed. Showy hardy annuals having a long flowering period and comprising a range of exquisite tints specially suitable for drawing room colour schemes	...	4d, 6d	1/6	4/6
Gypsophila elegans. —Pure White Compact. The daintiest of cut-flower; much improved habit. Per ¼ lb 2/6; 1b 7/6	...	4d	6d	9d

FLOWER SEEDS.

	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
Gypsophila elegans carminea. —Carmine-red, delightful hardy annuals, splendid cut-flower ...	4d	6d	1/-	
Gypsophila elegans grandiflora alba. —A grand improvement, flowers large and pure white. Per $\frac{1}{4}$ lb 2/-; lb 6/- ...	4d	6d	9d	
Gypsophila elegans rosea. —Pink, charming hardy annuals ...	4d	6d	1/-	
Gypsophila paniculata. —Perennial. Large panicles of flowers, handsome for bouquets ...	4d, 6d	1/-	3/-	
Helenium Bigelowi. —Perennial. A beautiful hardy perennial, golden yellow flowers with black centre, very striking and splendid for cut-flower ...	6d	6/9	25/-	
Helianthus. —See Sunflower ...	—	—	—	
Helichrysum monstrosum. —Everlasting Flowers. Choice double, in various colours mixed ...	4d, 6d	1/6	5/-	
Helipterum Manglesii. —White, Rose and Rose with crimson zone, separately or mixed; very fine everlastings ...	6d	1/-	3/6	
Hollyhock. —Annual Double. Choice mixed, height about 3 feet, bushy habit, will bloom the same season if sown early ...	4d, 6d	1/6	4/6	
Hollyhock. —Annual Single. Choice mixed, height about 3 feet, bushy habit, will bloom the same season if sown early ...	4d, 6d	1/3	3/6	
Hollyhock. —Chater's Double. An excellent strain of these conspicuous plants, giving a fine range of colours and form ...	6d	5/6	20/-	
Homeria sp. —Yellow ...	6d	2/3	—	
Hunnemannia fumarifolia. —Perennial Eschscholtzia. Bright yellow flowers, constantly in bloom, good drought resister ...	4d, 6d	1/6	4/6	
Iberis. —See Candytuft ...	—	—	—	
Iceland Poppies. —See special list ...	—	—	—	
Ipomoea bona nox. —Large blue flowers ...	4d	6d	1/6	
Ipomoea purpurea. —See Convolvulus Major ...	—	—	—	
Ipomoea, "Rose Marie." —A new double Ipomoea. Flowers are a beautiful shade of deep rose of double and semi-double form ...	6d	4/-	15/-	
Ipomoea, Heavenly Blue. —Beautiful sky blue ...	6d	2/-	6/6	
Ipomoea rubro-caerulea. —Grandiflora. Charming sky blue, early flowering, deciduous ...	6d	2/6	8/6	
Ipomoea versicolor, "Mina Lobata." —Annual climber, rapid grower, very effective for covering a rough fence, brilliant flowers in profusion ...	4d	6d	1/6	
Ipomoea, Choice mixed. —Splendid climbers in variety ...	4d	6d	1/6	
Ipomopsis elegans, mixed. —Very showy half-hardy annual, long spikes of bloom ...	6d	2/-	6/6	
Iris Kaempferi. —Japanese Iris. These magnificent Irises delight in a swampy situation, gorgeous flowers of great size, they are easily raised from seed ...	6d	5/6	20/-	
Ixia leucantha. —White and mauve, separately or mixed ...	6d	3/6	12/6	
Ixia maculata. —Orange and red mixed ...	6d	3/6	12/6	
Ixia polystacha. —Tall, pink and white ...	6d	4/-	15/-	
Ixia scariosa. —Mauvy white flowers with yellow throat; very dainty ...	6d	2/3	7/6	
Lachenalia juncifolia. —Soft mauve ...	6d	5/-	17/6	
Lachenalia liliiflora. —Dense spike of white flowers with greenish white bars, rare ...	1/-	6/-	22/6	
Lachenalia orchoides. —Light yellow and greenish ...	6d	—	—	
Lachenalia pustulata. —White or tinted ...	6d	3/-	10/6	
Lachenalia reflexa. —Dwarf, bright yellow ...	6d	6/-	22/6	
Lachenalia unicolor. —Bright red ...	1/-	—	—	
Lachenalia spp. —Mixed ...	6d	3/6	12/6	
Larkspurs. —See special list ...	—	—	—	
Lathyrus odoratus. —Sweet Peas. See special list ...	—	—	—	
Lavandula spica. —Common Lavender. Used principally for bedding, silvery foliage, sweet-scented ...	4d, 6d	9d	2/-	
Lavandula vera. —True Lavender. The favourite "herb," sweetly scented flowers, taller grower than "L. spica" ...	4d, 6d	1/-	3/-	
Leptosyne maritima. —Large yellow Marguerite, splendid cut-flower and very effective for massing ...	4d, 6d	1/9	6/-	
Linaria, Annual. —Choice mixed. Very showy, resembling Snapdragons ...	4d, 6d	9d	2/6	

FLOWER SEEDS.

	G.	Per pkt.	¼ oz.	oz.
Linum grandiflorum rubrum. —A very pretty red-flowering species of Flax	...	4d	6d	1/6
Lobelia compacta , Crystal Palace.—Incomparable for dwarf edging, dark blue	...	6d	3/-	10/6
Lobelia compacta , Emperor William.—Light blue	...	6d	3/6	12/6
Lobelia coronopifolia. —Large long-tubed flowers carried well above the foliage; a fine species	...	1/-	—	—
Lupins. —See special list	...	—	—	—
Malcolmia. —See Virginian Stock	...	—	—	—
Marigolds. —See special list	...	—	—	—
Matricaria. —Double white, for cut flower, 4 oz 16/-	...	6d	1/6	5/-
Matthiola. —Stocks. See special list	...	—	—	—
Mesembrianthemum aureum. —Dwarf-upright in habit; large brilliant orange flowers; very fine. Per 3 capsules 6d...	...	—	—	—
Mesembrianthemum criniflorum. —Brilliant early-flowering annuals; gorgeous colours; they flower here in August when flowers are scarcest; grand for bedding	...	6d	4/-	15/-
Mesembrianthemum Levynsiae. —Dwarf bush of compact growth, mauve flowers in profusion. Per 3 capsules 6d.	...	—	—	—
Mignonette , "Machet."—A favourite variety, never failing during summer and its scent is most fragrant	...	4d, 6d	1/-	3/-
Mignonette , Sweet Scented.—Well known and popular plants for bedding and borders	...	4d	6d	1/-
Mignonette , "Triumph."—Large-flowering pyramidal	...	4d, 6d	9d	2/6
Moraea bicolor. —Fibrous rooted evergreen, yellow and maroon, 4 ft.	...	6d	4/-	15/-
Moraea iridioides. —Fibrous rooted evergreen, white and blue, 3 ft.	...	6d	3/-	10/6
Moraea polystachya. —Bulbous, bright yellow, hanging, height 3 ft., suited to a waterside situation	...	6d	3/6	12/6
Moraea polystachya. —Lilac	...	6d	3/6	12/6
Morning Glory. —See Ipomoea and Convolvulus	...	—	—	—
Myosotis Alpestris. —Forget-me-not. Charming shrubby garden plants	...	4d, 6d	1/6	6/-
Nasturtium , "Empress of India."—Intense crimson flowers and dark leaves, dwarf. 4 ozs. for 4/-...	...	4d	6d	1/3
Nasturtium , "Golden Gleam."—A beautiful golden yellow; double; sweet scented. A very fine novelty	...	6d	2/3	7/6
Nasturtium , "Queen Alexandra."—A beautiful variegated-leaved variety, blood red, marbled and mottled flowers, tall	...	4d	6d	1/3
Nasturtium , "Starke's Special."—A very special mixture, including many named varieties, tall. 4 ozs. for 2/-	...	4d	6d	9d
Nasturtium , "Tom Thumb."—Mixed. Popular dwarf variety	...	4d	6d	1/-
Nemesia compacta , "Blue Gem."—Beautiful forget-me-not blue	...	1/-	12/6	45/-
Nemesia compacta , "Fire King."—	...	1/-	10/6	40/-
Nemesia strumosa. —Our most popular spring annual; affords an infinite variety of colour and is a most pleasing flower for decoration; an immensely improved strain giving flowers of splendid size and rich colours	...	6d	5/6	20/-
Nemesia strumosa , "Orange Prince."—Rich orange-yellow, compact habit	...	1/-	10/6	40/-
Nemophila insignis. —Blue. Pretty hardy annuals for bedding, sow in autumn and again in spring	...	4d	6d	1/6
Nicotiana Sanderae. —Flowering Tobacco. Half-hardy herbs, sow in early spring, showy flowers, carmine-red	...	4d, 6d	1/9	6/-
Nigella. —Love-in-a-Mist. Hardy annuals with elegant foliage and pretty flowers, allied to Aquilegia, choice mixed seed from a splendid strain	...	4d	6d	1/3
Omphalodes linifolia. —Annual, silvery foliage, white flower, very much like Forget-me-not, good cut flower	...	6d	9d	1/6
Ornithogalum thyrsoides. —The beautiful "Cape Chinkerichee"; early-flowering	...	4d, 6d	3/-	10/6
Pansies. —See special list	...	—	—	—
Papaver. —See Poppy	...	—	—	—
Pentstemon grandiflorum , "Excelsior Mixed."—Very large flowers ranging in colour from white to deepest scarlet, a very fine strain	...	1/-	12/6	45/-

FLOWER SEEDS.

	G.	Per pkt.	¼ oz.	oz.
Pentstemon , Mixed Hybrids.—These hybrids are very handsome		6d	5/6	20/-
Petunias .—See special list		—	—	—
Phlox decussata .—Perennial Phlox. Beautiful hardy border plants giving large trusses of bright-coloured bloom		1/-	6/9	25/-
Phlox Drummondii .—Summer Phlox. Popular bedding plants giving a bright and varied display of colour, easily grown	4d, 6d	1/3	4/-	
Phlox Drummondii, Purple .—A very rich colour; fine for bedding	6d	3/-	10/6	
Phlox Drummondii grandiflora .—Splendid Mixture; a fine large-flowered strain		6d	2/3	7/6
Phlox Drummondii gr. coccinea .—True scarlet		6d	3/-	10/6
Phlox Drummondii gr. "Brilliant" .—Delicate rose with dark eye		6d	3/-	10/6
Phormium tenax .—Hardy ornamental plant with long, broad, green leaves resembling Aspidistra		6d	9d	1/6
Physostegia, Rose .—Fine perennial herb with large pyramidal spikes of heath-like flowers, splendid for cutting		6d	3/6	12/6
Physostegia, White .—Fine perennial herb, large spikes of white flowers, splendid for cutting		6d	3/6	12/6
Pinks .—See Dianthus		—	—	—
Polyanthus (Cowslip) .—In choice mixture		1/-	10/6	—
Poppy, Flanders .—English Scarlet. The common single English Poppy, re-named during the Great War	4d, 6d	1/-	3/-	
Poppy, Shirley .—Extra Selected. A charming type, delicate colours and free-flowering, sow in autumn in the permanent situation, for cut-flower pluck before the buds open	4d, 6d	9d	2/-	
Portulaca grandiflora , "Double Mixed."—Splendid bedding plants for summer, they are drought-resistant, and make a gorgeous display in the hottest weather		6d	2/3	7/6
Primrose, Chinese , "Fimbriata."—Single Mixed, a splendid strain	1/-	16/-	—	
Primrose, English (<i>Primula vulgaris</i>).—The common English Primrose		1/-	8/-	—
Pueraria Thunbergiana , Kudzu Vine.—Bluish violet, a rampant climber, and useful economic plant	4d, 6d	9d	2/6	
Ranunculus Asiaticus (<i>Superbissimus</i>).—Large single, semi-double and double flowers of brilliant shades of colour	4d, 6d	1/3	3/6	
Reseda odorata .—See Mignonette		—	—	—
Rhodanthe .—See <i>Helipterum Manglesii</i>		—	—	—
Salpiglossis , "Giant Emperor."—Beautiful plants for beds or borders, the flowers are richly coloured and beautifully veined		6d	2/6	8/6
Salvias .—See special list		—	—	—
Scabious .—Double. Tall, large-flowered strain, splendid bedding plants, excellent cut-flower	4d, 6d	1/-	3/-	
Scabious , "Azure Fairy."—Tall double; lavender-blue	6d	1/3	3/6	
Scabious , "Tall Shasta."—Pure white of enormous size with very long stems		6d	1/6	5/-
Scabiosa Africana .—Large-leaved evergreen, pinks and mauves, height 4 ft.		6d	3/6	12/6
Scabiosa Caucasica .—Perennial Scabious. Delicate lavender-blue, height about 2 feet	1/-	5/6	20/-	
Scabiosa Caucasica , "Giant Hybrids."—This magnificent strain has exceptionally large flowers, ruffled and slightly frilled on the edges. Colours range from white to darkest blue, mauve and lilac predominating		1/-	8/-	30/-
Scabiosa columbaria .—A very fine South African species, shades of mauve		6d	3/6	12/-
Schizanthus , Butterfly Flower.—Charming annuals, half-hardy, useful for bedding and for pot culture, extra fine mixed...	4d, 6d	1/-	3/6	
Selago serrata .—Evergreen, dark foliage, mauve flowers (Jan.-Feb.), good		6d	3/-	10/6
Shasta Daisy , "King Edward VII."—Fine large flowers of perfect form and pure white colour	4d, 6d	1/6	5/-	
Shasta Daisy , "The Speaker."—Flowers very large, the finest of this type	4d, 6d	2/-	6/6	
Sidalcea hybrida .—Perennial Mallows in a great range of colour, including shades of rose, pink, red, salmon, lilac and heliotrope; splendid border plants		6d	6/-	22/6

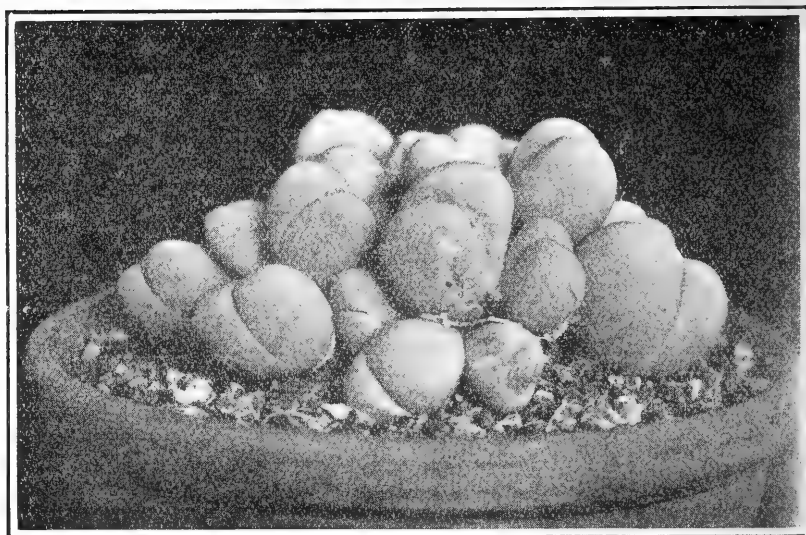
FLOWER SEEDS.

	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
Sparaxis bulbifera. —Buttercup yellow, very fine ...	6d	3/-	10/6	
Sparaxis grandiflora. —White. Resembles Freesia but taller ...	4d	6d	9d	
Sparaxis tricolor. —Scarlet ...	6d	5/6	20/-	
Sparaxis tricolor. —Mixed. Beautiful Freesia-like flowers in bright colours; yellow, red and green ...	6d	4/-	15/-	
Sparaxis, Mixed. —Charming bulbous plants with bright and showy flowers of the Freesia type ...	6d	3/-	10/6	
Statice. —See special list ...	—	—	—	
Stocks. —See special list ...	—	—	—	
Strelitzia reginae. —A palm-like plant with peculiar and striking flowers, blue and gold, tinted orange. Seeds 2/6 doz., 15/- per 100 ...	—	—	—	
Streptanthera cuprea, Tangerine. —A beautiful Freesia-like flower of splendid form and lovely soft shade of tangerine ...	6d	2/3	7/6	
Streptanthera-Sparaxis Hybrids. — ...	6d	3/-	10/6	
Sunflower, "Cucumerifolius." —Miniature, 2 ft., branching flower stems, flowers 2 to 3 in. across, golden with black eye ...	4d, 6d	9d	2/-	
Sunflower, "Double Orange." —(Globulus fistulosus). Extra tall and very double ...	4d, 6d	9d	2/-	
Sutera grandiflora. —A magnificent novelty; soft shrub with Phlox-like lavender coloured flowers, very free-flowering ...	1/-	—	—	
Sutherlandia frutescens, Low Growing. —Early flowering soft shrub having crimson flowers and curious inflated pods... ..	6d	2/3	7/6	
Sweet Peas (Lathyrus odoratus). —See special list ...	—	—	—	
Sweet Sultan, "Imperial." —A fine race with upright flower stalks and varied colours ...	4d, 6d	1/-	3/-	
Sweet William. —Double Mixed. Well-known and popular garden plants, this is a very fine and free-flowering strain ...	4d, 6d	1/3	4/-	
Thalictrum dipterocarpum. —A very graceful plant for the herbaceous border, rose-purple with yellow anthers, 4 to 5 ft. ...	6d	3/-	10/6	
Thunbergia alata, "Black-eyed Susan." —Very pretty evergreen twiner, yellow and white flowers with black "eye," likes a warm and moist situation ...	6d	1/9	6/-	
Tithonia speciosa, Mexican Sunflower. —Orange-vermilion; striking and beautiful flower ...	6d	3/-	10/6	
Tropaeolum Canariense, Canary Creeper. —A very pretty species ...	4d, 6d	1/3	4/-	
Tropaeolum speciosum, Flame Flower. —Beautiful hardy climber, vigorous growth and covered with brilliant scarlet flowers ...	1/-	8/-	30/-	
Ursinia anethoides. —The grand new orange and chocolate annual so much in demand ...	6d	6/-	21/-	
Ursinia anthemoides. —Brilliant annual in shades of yellow and orange ...	6d	1/-	3/6	
Valeriana (Polemonium coeruleum). —"Blue Greek." Blue-flowering herbaceous perennials for cut-flower, hardy ...	4d, 6d	1/6	4/6	
Valeriana, White Valerian. —Hardy herbaceous perennials, splendid for cut-flower, light graceful stems ...	4d, 6d	1/6	4/6	
Venidium fastuosum. —The Namaqualand Daisy. A glorious orange and purple-black novelty; 2 ft. ...	6d	3/6	12/6	
Verbena, Auricula-eyed. —Choice mixed ...	4d, 6d	2/-	7/6	
Verbena, "Dark Blue." —Very effective ...	6d	2/6	8/6	
Verbena, "Rose Queen." —Large heads of lovely delicate rose ...	6d	6/-	21/-	
Verbena, Scarlet. —A bright and striking colour ...	6d	3/-	10/6	
Verbena, Starke's Mammoth Mixed. —A very fine mixture, magnificent heads of bloom ...	6d	3/-	10/6	
Viola (Lutea splendens). —Golden ...	6d	3/-	10/6	
Viola cornuta, "Purple Queen." —Rich violet ...	6d	4/-	13/6	
Violet, "The Czar." —Large blue, free-flowering ...	1/-	6/9	25/-	
Virginian Stock (Malcolmia Maritima). —Pretty dwarf bedding plants free-flowering, bright colours, may be sown at different times for succession of bloom ...	4d	6d	1/3	
Wahlenbergia gr. nana. —Mixed. Very striking large-flowered Campanula ...	6d	5/-	18/-	
Wallflower. —Single Mixed. A splendid mixture ...	4d, 6d	9d	2/-	
Watsonia Beatricis. —Long spikes with numerous orange flowers, opening mostly at one time; evergreen foliage; must be watered in the dry season as it is a summer grower ...	1/-	5/-	—	

FLOWER SEEDS.

	G.	Per pkt.	$\frac{1}{4}$ oz.	oz.
Watsonia longifolia .—Mixed. Evergreen foliage, must be watered in the dry season	...	1/-	—	—
Watsonia tabularis .—Rosy salmon, bi-coloured, evergreen, very fine large flowers, suited to waterside positions	...	6d	6/-	—
Watsonia Wilmaniae .—A grand species with distinct and varied colours	...	1/-	6/-	—
Watsonia Wordsworthiae .—Lilac flowers; resembles "W. Ardernei" in type	...	6d	3/-	—
Zinnias .—See special list	...	—	—	—

Succulents.



RIMARIA HEATHII.

Most of the species listed under this heading belong to that great and interesting group of South African plants, Mesembryanthema, which has in recent years, attracted a great deal of attention throughout the world.

In the arid regions of the Karroo, Bushmanland and the Kalahari an amazing number of new species has been discovered to which various expeditions, led by the best veldsmen available and equipped at great expense, have added considerably.

It is in the desert that the most fascinating varieties are found. To combat the scanty rainfall nature has endowed these plants with a capacity for storing water in their thick fleshy leaves, thus enabling them to tide over periods of drought which no other plant would survive. They furnish the only available water supply to the herds of antelope, wild ostriches and even to the tortoise and were it not for a remarkable provision of nature these plants would long since have been exterminated. In their natural surroundings these "rock plants" so closely resemble the gravel or rock fragments among which they grow that, even to the best trained eye, they are almost invisible, and it is due to this fact that they have, in the populated areas, escaped complete extinction.

All the varieties listed below are easily propagated from seed and given free drainage and a light soil will thrive well under cultivation. They include the most recent discoveries, some of which have not yet been specifically named and are unobtainable from any other seedsmen in the world.

Seeds "in the capsule" are refused entry to the United States of America but we will break up the capsules, and clean the seed, before despatch for all American orders.

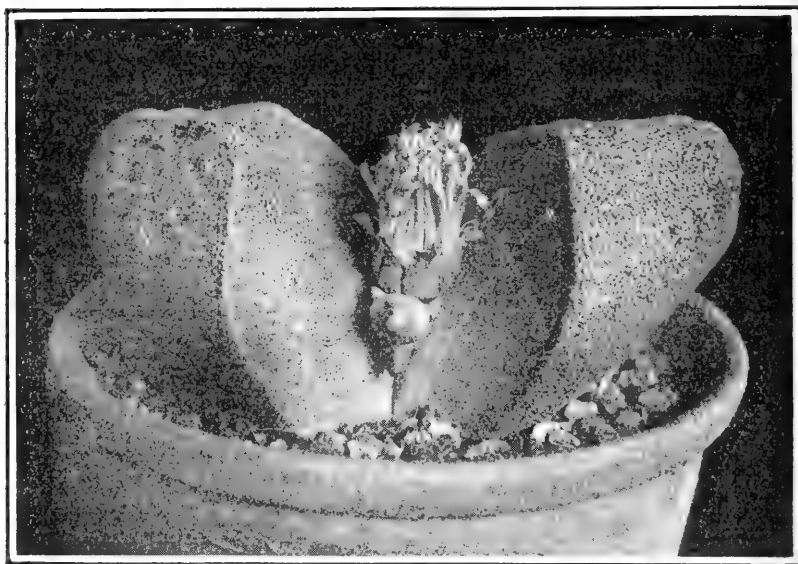
We pay postage on these seeds if you send **Cash With Order.**

SUCCULENTS AND SIMILAR RARE PLANTS.

- Aloe microstygma.**—A tall-growing Aloe with broad light green toothed leaves; large spikes of orange-yellow flowers, darker at the base. Pkt. 6d; $\frac{1}{4}$ oz. $\frac{2}{3}$; oz. $\frac{7}{6}$.
- Aloe striata.**—Compact stemless habit, leaves greyish-green, large, smooth and spineless; large heads of orange-red flowers on erect stem; height in flower 3 feet; most conspicuous. Seeds per doz. 6d; 100 $\frac{2}{6}$.
- Aloe variegata.**—This species has great drought-resisting capacity; the red flowers and variegated foliage are very striking. Seeds per doz. 6d; 100 $\frac{1}{6}$; 1000 $\frac{10}{6}$.
- Anacampseros arachrioides.**—A graceful little plant with light mauvy pink flowers; soon makes a large clump. Seeds per doz. 6d; 100 $\frac{3}{6}$.
- Anacampseros papyracea.**—A rare plant of most peculiar formation, the growths being entirely covered with white papery scales; when growing amongst white stones can hardly be detected. Per doz. seeds 1/-; 100 $\frac{7}{6}$.
- Anacampseros telephiastrum.**—A graceful little plant with mauvy pink flowers. Seeds per doz. 1/-; 100 $\frac{7}{6}$.
- Argeta petrensis.**—A curious cluster of angular leaves resembling broken shale. Per 8 capsules 1/-.
- Argyroderma testiculare.**—Dwarf stemless Mesem., very rare. Per 3 capsules 1/-.
- Aridaria resurgens.**—This curious little plant remains hidden underground for the greater portion of the year but in the springtime produces a delightful cluster of yellow blooms which in turn develop into blood red capsules. Per capsule 1/-.
- Caralluma ramosa.**—Closely allied to the Stapelias which it resembles in growth; flowers in clusters. Seeds per doz. 6d; 100 $\frac{2}{-}$; 1000 $\frac{15}{-}$.
- Cheirodopsis cigarettifera.**—A dense Mesem-like plant the base of which resembles a cigarette-holder; large yellow flowers. Per 3 capsules 1/-.
- Conophytum sp.**—Closely clustered buttonlike nodules each comprising two tightly welded leaves which open only to allow the flower to emerge. Per 4 capsules 1/-.
- Cotyledon decussata.**—The most beautiful bell-shaped red flowers on long slender stems; ornamental foliage. Pkt. 1/-; $\frac{1}{4}$ oz. $\frac{15}{-}$.
- Crassula Archerii.**—A dwarf Crassula of branching habit, stems golden tinted and producing a dozen perfumed heads of creamy white. Per 3 clusters 1/-.
- Crassula pyramidalis.**—A very attractive dwarf variety not unlike "C. Archerii." Per 3 clusters 1/-.
- Cylindrophyllum Bainii.**—Per 5 capsules 1/-.
- Cylindrophyllum Comptonii.**—Large fingerlike clusters; large yellow flowers in great profusion. Per 3 capsules 1/-.
- Delosperma herbium.**—Per 25 seeds 1/-; 100 $\frac{3}{-}$.
- Didymaotis lapidiformis.**—One of the rarest of the "stone plants." Consists of two brown stemless stonelike leaves resembling the broken shale among which they grow. Per 2 capsules 1/-.
- Euphorbia aggregata.**—Seeds per doz. $\frac{1}{6}$; 100 $\frac{10}{6}$.
- Euphorbia esculenta.**—A dwarf succulent having a large swollen underground stem; flowers sweetly scented. This is a highly nutritious and drought resistant fodder plant. Seeds per doz. $\frac{1}{3}$; 100 $\frac{8}{6}$.
- Euphorbia mauritanica.**—Seeds per doz. 6d.
- Euphorbia multiceps.**—Seeds per doz. 2/6.
- Euphorbia obesa.**—A very rare plant, resembling in shape a miniature football. Seeds per doz. $\frac{2}{-}$; 100 $\frac{10}{6}$.
- Euphorbia Pillansii.**—Seeds per doz. $\frac{1}{6}$; 100 $\frac{10}{6}$.
- Gasteria verrucosa.**—One of the largest and best of the Gasterias; tall branching flower stem, 3 to 4 ft.; flowers coral, tipped green. Seeds per doz. 1/-; 100 $\frac{7}{6}$.
- Gasteria sp 042.**—Seeds per doz. 6d; 100 $\frac{2}{6}$; 1000 $\frac{22}{6}$.
- Gibbaeum Boscheana.**—Per capsule 1/-.
- Gibbaeum geminum.**—A dwarf variety somewhat resembling "G. pubescens." Per 5 capsules 1/-.
- Gibbaeum molle.**—A cluster of fleshy nodules which resemble the round stones among which they grow. Per 5 capsules 1/-.
- Gibbaeum perveridae.**—A cluster of quaintly shaped leaves of typical Gibbaeum structure. Per 2 capsules 1/-.
- Gibbaeum pubescens.**—One of the best of the genus; silvery fingerlike leaves which grow together in the shape of a molehill; flowers profusely. Per 3 capsules 1/-.
- Gibbaeum Shandii.**—Very similar in habit and growth to "G. pubescens." Per 3 capsules 1/-.
- Glottiphyllum depressum.**—A handsome, easily grown species; growths short and broad; large golden yellow flowers, freely produced. Per 3 capsules 1/-.



PLEIOSPILOS MAGNIPUNCTATA.



PLEIOSPILOS BOLUSI.

SUCCULENTS

- Glottiphyllum** sp. 042.—All species of this genus make excellent specimens, whether in pots or in a rockery. Per 8 capsules 1/-.
- Hereroa dolabriformis**.—A dwarf compact plant, leaves round at the base but becoming more and more compressed laterally towards the apex, giving the growths a hatchet-shaped appearance. Per 5 capsules 1/-.
- Hereroa granulata**.—A dwarf Mesem. bearing bright orange-flowers. Per 3 capsules 1/-.
- Hereroa Stanleyi**.—This species produces an abundance of yellow flowers. Per 4 capsules 1/-.
- Hereroa** (New sp. 043).—Somewhat larger than "H. dolabriformis"; flowers profusely. Per 5 capsules 1/-.
- Hymenocyclus croceus**.—Large fingerlike fleshy leaves with bright yellow flowers. Per 5 capsules 1/-.
- Lithops Comptonii**.—The natives have named these plants "The Devil's Eyes." They grow in pairs and only the upper transparent portion of the leaves appears above ground. Per 2 capsules 1/-.
- Mentocalyx velutinum**.—The clusters of golden yellow leaves and large flower of the same colour present a very showy appearance. Per 3 capsules 1/-.
- Mesembrianthemum obtusum**.—Stunted cluster of twin fleshy leaves; flowers profusely. Per 3 capsules 1/-.
- Mesembrianthemum Peersii**.—Per 8 capsules 1/-.
- Peersia macradenia**.—Fingerlike growths and very showy when in bloom. Per 4 capsules 1/-.
- Pleiospilos Bolusi**.—The most sought after of the stemless Mesems., growths in pairs, of stonelike appearance, large flowers of a rich golden yellow. Per capsule 1/6.
- Pleiospilos Fergusonii**.—Rough brown angular fleshy leaves which successfully disguise their presence among the shale of similar structure. Per 3 capsules 1/-.
- Pleiospilos magnipunctata**.—A handsome stemless Mesem., large bright yellow flowers, one of the best of this type. Per capsule 1/6.
- Pleiospilos Nelii**.—This plant is composed of two fleshy leaves which, joined together, resemble a water worn stone; exceedingly rare. Per 2 capsules 1/6.
- Pleiospilos nobile**.—In appearance this species much resembles "P. magnipunctata" except that the growths are longer and narrower and the flowers somewhat larger and richer in colour. Per 2 capsules 1/6.
- Pleiospilos Roodiae**.—Somewhat distinct from the usual type of this genus; growths green shading to red during drought; symmetrical, producing a compact clump; flowers yellow. Per 2 capsules 1/6.
- Pleiospilos simulans**.—A very rare species which should be in every collection. Differs in shape from "P. Bolusi." Per capsule 1/6.
- Rhinephyllum Comptonii**.—Per 2 capsules 1/-.
- Rimaria Heathii**.—A beautiful stemless Mesem, of shapely form; growths a glossy pale green; makes a fine specimen. Per 5 capsules 1/-.
- Rimaria** (New sp. 044).—Per 5 capsules 1/-.
- Ruschia crassa**.—A quaint growth of notched stems which, in the spring, produce masses of honey-scented flowers. Per 6 capsules 1/-.
- Ruschia impressa**.—Compact bush habit with curiously shaped leaves and producing a mass of small mauve flowers. Per 8 capsules 1/-.
- Ruschia microphylla**.—Cushion shaped clusters with minute pointed leaves. Makes a brave show of colour in the springtime. Per 10 capsules 1/-.
- Ruschia perfoliata**.—Dwarf variety resembling "R. crassa." Per 8 capsules 1/-.
- Ruschia pygmaeum**.—Dense clusters of small nodules resembling Conophytum, flowers profusely. Per 5 capsules 1/-.
- Ruschia** (New sp. 044).—Compact bushy habit, flowers very profusely. Per 6 capsules 1/-.
- Ruschia** (unnamed sp. 044/1).—Per 6 capsules 1/-.
- Ruschia** (unnamed sp. 044/2).—Per 6 capsules 1/-.
- Ruschia** (unnamed sp. 044/3).—Per 6 capsules 1/-.
- Stapelia conformis**.—A robust growing species; makes a very conspicuous plant; flowers large and of a pinkish shade, covered with hairy growths. Per 25 seeds 6d.; 100 seeds 1/3.
- Stapelia duvalia**.—Seeds per dozen 9d.; 100 4/-.
- Stomatium Fulleri**.—Dwarf pale green growths, peculiarly warted and toothed; flowers freely in spring and early summer. Per 4 capsules 1/-.

Seeds of Forest and Ornamental Trees and Shrubs.

	D.	Per oz	$\frac{1}{4}$ lb	lb
Aberia caffra. —Kei Apple. Bears an edible fruit used by the jam factories, usually grown as a hedge. ...	1/-	3/-	10/6	
Acacia Baileyana. —Bailey's Wattle. A drought resistant tree of great beauty. The best Acacia for ornamental purposes	9d	2/3	7/6	
Acacia cultriformis. —Drought and frost resistant; can be used for hedges	9d	2/-	6/-	
Acacia cyclopis. —Rooikrans. Shrubby habit, useful for reclamation of drift sands.	—	6d	1/6	
Acacia dealbata. —Silver Wattle. Hardier than Black Wattle but the bark is not quite so valuable.	—	6d	1/6	
Acacia decurrens. —Green Wattle. Closely resembles Black Wattle but slightly hardier. The yield of bark is lower.	—	6d	1/6	
Acacia longifolia. —Ornamental shrubby habit, bright yellow flowers.	6d	1/-	3/-	
Acacia melanoxylon. —Blackwood. A useful shade and timber tree suited to the cooler and moister parts of the Union.	6d	9d	2/6	
Acacia mollissima. —Black Wattle. Produces the best tanning bark and succeeds on sour veld.	—	6d	1/-	
Acacia pycnantha. —Golden Wattle. Produces valuable bark but the tree is small and the yield not very heavy.	—	6d	1/-	
Acacia saligna. —Port Jackson Wattle. Quick growing and hardy, suited to coastal area, useful bark and timber. 25 lbs at 5d; 100 lbs at 4d per lb.	—	—	6d	
Aitonia Capensis. —"Klapperbos." A beautiful shrub from the Oudtshoorn district; the showy pink capsules resemble small Chinese lanterns. Per dozen seeds 6d.	—	—	—	
Amelanchier Asiatica. —A hardy shrub or small tree, cultivated for its showy white flowers, deciduous.	1/3	4/-	15/-	
Araucaria imbricata. —Monkey Puzzle.	2/-	7/-	25/-	
Aulax cneorifolia. —Yellow flowering, evergreen shrub; allied to the Proteas. Per pkt. 6d, $\frac{1}{4}$ oz. 4/-	—	—	—	
Barosma crenulata. —Oval-leaved Buchu. A handsome flowering shrub, pale mauve, grows to about 4 ft. Per pkt 6d; $\frac{1}{4}$ oz 4/-.	—	—	—	
Bignonia gracilis. —Light evergreen twiner, large trumpet-flower, deep yellow	5/-	—	—	
Berberis Thunbergii. —Per pkt. 6d.	3/-	—	—	
Calodendron Capense. —Beautiful large flowers in terminal panicles; pinkish white with purple; very conspicuous. Pkt 6d.	1/3	3/6	12/6	
Callitris robusta. —White Callitris. Slow growing, but reaches a fair size, durable soft wood, good shelter for orchards, suited to dry districts especially on sandy soil	1/9	6/6	—	
Casuarina Cunninghamiana. —Beefwood. A fine large shade tree, thrives best near a stream.	1/6	5/-	17/6	
Casuarina equisetifolia. —Coast Beefwood. Grows in saline soil and valuable as a sand stay	1/6	5/-	17/6	
Casuarina torulosa. —Forest She-Oak. Grows to 70 feet and 2 $\frac{1}{2}$ feet diameter, good hard red timber, heavy and prettily marked, used for cabinet work. Requires good soil and warm or medium climate	4/-	15/-	—	
Cedrela toona. —Toon. A handsome ornamental and timber tree, rapid grower, cedar-like soft wood, likes moist localities. Deciduous.	1/3	3/6	12/6	
Cedrus deodara. —The Deodar Cedar. Suited to the High Veld. A large tree yielding valuable softwood, ornamental.	1/3	4/-	15/-	
Craetagus oxyacantha. —English May. White flowering, fragrant, a fine sight when covered with red berries in autumn. Deciduous.	6d	1/6	4/6	
Cryptomeria Japonica. —Japanese Cedar. A tall straight-growing tree, yields valuable softwood, thrives in moist, mountainous localities.	1/9	5/6	20/-	

TREE SEEDS—BOOM SADE.

	D.	Per oz	$\frac{1}{4}$ lb	lb
Cupressus Arizonica. —Arizonica Cypress. Probably the hardest Cypress and well suited to the O.F.S. and similar regions. (Imported Seed.) ...		1/6	5/-	17/6
Cupressus Lawsoniana. —Lawson's Cypress. A large and very graceful tree, will grow to 100 feet in favourable conditions, good clear timber easily worked. (Imported Seed) ...		1/6	5/-	17/6
Cupressus Lusitanica. —Portuguese Cypress. A large and rapid growing tree, requires a mild and moist climate. ...	6d	2/-	6/6	
Cupressus macrocarpa. —Macrocarpa Cypress. Splendid for tall hedges, shelter rows, and as ornamental specimens. Imported Seed (True). ...	1/6	4/6	16/-	
Cupressus sempervirens (horizontalis). —Spreading Cypress. Durable timber for fencing poles, hardy in the Karroo and O.F.S. (Imported Seed.) ...	6d	1/3	4/-	
Cupressus sempervirens (pyramidalis). —Pyramidal Cypress. The familiar tree of Churchyards, hardy in the Karroo. (Imported Seed.) ...	6d	1/3	4/-	
Cupressus torulosa. —Himalayan Cypress. An excellent wind-break, and stands the severest cold. ...	1/-	3/6	12/-	
Cytisus proliferus albus. —Tagasaste. A handsome white-flowering shrub and useful fodder plant. ...	9d	2/-	7/6	
Dodonaea viscosa. —A pretty hedge plant, bright green foliage, hardy against drought but tender to frost, the seed may be sown <i>in situ</i>	1/3	4/-	15/-	
Eucalyptus botryoides. —Valued for its adaptability and rapid growth. ...	2/-	6/6	24/-	
Eucalyptus Bridgesiana. —Spreading habit, good shelter tree, suited to the high veld. This is the best of the species formerly included under <i>E. Stuartiana</i>	2/-	6/6	24/-	
Eucalyptus calophylla. —White-Flowering Gum. Large white flowers, ornamental, produces strong timber, not very frost resistant. ...	1/6	5/-	17/6	
Eucalyptus citriodora. —Lemon-Scented Gum. Tall, straight and clean stems, good timber, drought resistant, a fine tree. One of the best gums that can be sown "in situ" and thrives on poor, shallow soil ...	1/3	4/-	15/-	
Eucalyptus cladocalyx. —Sugar Gum. The best for the drier districts of Western Cape Province such as Malmesbury and Piquetberg and similar localities. ...	1/-	3/-	10/6	
Eucalyptus diversicolor. —Karri. Large straight tree, a rapid grower on deep soils in the coastal area of Cape Province. ...	1/6	5/-	17/6	
Eucalyptus eugenoides. —White Stringybark. A large tree, straight stems, durable timber, fairly hardy to drought. ...	2/-	6/6	24/-	
Eucalyptus ficifolia. —Red-Flowering Gum. Large and prominent panicles of various shades of scarlet and crimson. ...	1/3	4/6	16/-	
Eucalyptus gomphocephala. —Tuart. Fairly large tree, hard strong timber, suited to coastal area. ...	1/6	5/-	17/6	
Eucalyptus Lehmanni. —The Bushy Cornuta Gum, extensively used for tall hedges and shelter belts. ...	1/-	3/-	10/6	
Eucalyptus longifolia. —Woolly Butt. Large tree, straight grower, durable wood, suited to moist localities. ...	1/6	5/-	17/6	
Eucalyptus maculata. —Spotted Hickory. Well suited to moist areas in Natal and Transvaal and in drier districts if practically frost-free, good timber. ...	1/6	5/-	17/6	
Eucalyptus melliodora. —Yellow Box. Medium size, very hardy to frost and drought, tough wood, abundant sweet flowers suitable for bees, thrives in O.F.S. ...	1/6	5/-	17/6	
Eucalyptus microcorys. —Tallowwood. Splendid timber tree for moist warm districts, not very frost or drought resistant. ...	1/6	5/-	17/6	
Eucalyptus obliqua. —Stringy Bark. A quick-growing tree, large and straight, makes useful timber, likes cool and moist conditions. ...	2/-	6/6	24/-	
Eucalyptus paniculata. —Grey Ironbark. A fine timber tree for moist districts and stands some drought, but tender to frost. ...	1/6	5/-	17/6	
Eucalyptus polyanthemos. —Red Box. Medium size, frost and drought resistant, good shade and street tree, tough heavy wood. ...	1/6	5/-	17/6	

TREE SEEDS—BOOM SADE.

	D.	Per oz	$\frac{1}{4}$ lb	lb
Eucalyptus resinifera. —Forest Mahogany. A fine timber tree for moist regions where frost is not severe. ...		1/6	5/-	17/6
Eucalyptus robusta. —Swamp Mahogany. Rapid grower, shady, stands fairly dry conditions but prefers moist frost-free localities. ...		1/3	3/9	12/6
Eucalyptus rostrata. —Red Gum. Good and durable timber, hardy to drought, heat, cold and brack, one of the most generally successful kinds. ...		1/6	5/-	17/6
Eucalyptus saligna. —The Saligna Gum. Very rapid grower, straight, useful timber, tolerant to varying conditions if sufficient moisture and frost-free. ...		1/3	3/9	13/6
Eucalyptus salmonophloia. —Salmon-Barked Gum. A small tree suited to dry districts in Cape Province where frosts are not severe. ...		1/6	5/-	17/6
Eucalyptus sideroxylon. —Red Ironbark. Excellent timber tree, drought and frost resistant, suited to a wide range of locality. ...		1/6	5/-	17/6
Eucalyptus viminalis. —Willow Gum. Very rapid grower, thrives in moister districts of the high veld, suitable for tall shelter belts. ...		1/6	5/-	17/6
Euryops spathaceus. —Yellow-flowered evergreen shrub. Pkt. 6d.; $\frac{1}{4}$ oz 3/- ...		10/6	—	—
Grevillea robusta. —Silky Oak. Handsome ornamental tree with fern-like leaves and abundant golden yellow flowers in spring. ...		1/6	5/-	17/6
Heterolepis decipiens. —Evergreen dwarf shrub; large yellow flowers. Per pkt. 6d.; $\frac{1}{4}$ oz. 4/6 ...		16/-	—	—
Jacaranda mimosaefolia. —An ornamental tree of great beauty. When in bloom it is literally covered with mauvy blue flowers. ...		1/6	5/-	17/6
Juniperus Chinensis procumbens. — ...		1/3	3/6	—
Lebeckia cytisoides. —Leguminous shrub resembling Cytisus; clusters of yellow pea-flowers are produced in great profusion in early spring. Per pkt 6d; $\frac{1}{4}$ oz. 9d. ...		2/6	4/-	15/-
Leptospermum laevigatum. —Australian Myrtle. Used solely as a hedge plant, thrives wonderfully in the Cape Province ...		1/-	3/-	10/6
Leucadendron argenteum. The Silver Tree. Indigenous on the slopes of Table Mountain and well known for its beautiful foliage. Per pkt 6d. ...		1/6	5/6	20/-
Ligustrum ibota. —Privet. Fine white-flowered shrub, suitable for hedges. ...		9d	2/3	7/6
Ligustrum japonicum. —Japanese Privet. A very rapid grower, makes a fine evergreen hedge, sweetly scented flowers. ...		6d	9d	2/6
Ligustrum lucidum. —Chinese Privet. Excellent hedge plant, hardy and strong grower, also useful ornamental tree. ...		6d	2/6	8/6
Ligustrum ovalifolium. —Oval-leaved Privet. A very popular kind. ...		9d	2/3	7/6
Melaleuca leucadendron. —A tall growing tree yielding hard and close grained timber. Per pkt 6d; $\frac{1}{4}$ oz. 1/6. ...		5/-	—	—
Mesembrianthemum aureum. —Dwarf-upright in habit; large brilliant orange flowers; very fine. Per 3 capsules 6d. ...		—	—	—
Mesembrianthemum Levynsiae. —Dwarf bush of compact growth, mauve flowers in profusion. Per 3 capsules 6d. ...		—	—	—
Noltia Africana. —A dense dark-leaved shrub or small tree; ever-green. Per pkt 6d; $\frac{1}{4}$ oz. 2/- ...		—	—	—
Ochna atropurpurea. —A fine evergreen shrub, with yellow flowers followed by crimson and purple fruits. Per pkt 6d; $\frac{1}{4}$ oz. 3/- ...		10/6	—	—
Paulownia imperialis. —Empress Tree. Thrives best in the coast belt and likes deep alluvial soil; rapid grower to 30 or 40 ft.; flowers usually dark lilac and very attractive ...		1/3	4/-	15/-
Pinus Canariensis. —Canary Island Pine. Suited to mountainous regions of Cape Province, valuable timber tree. ...		6d	1/6	5/-
Pinus halepensis. —Jerusalem Pine. Suited to Western Free State and Transvaal, yields even-grained soft-wood and is a good shelter tree. ...		6d	1/-	3/-
Pinus insignis. —Insignis Pine. A very handsome and rapid growing tree reaching a height of 80 to 100 feet, suited to the coastal area. ...		1/6	5/-	17/6

TREE SEEDS—BOOM SADE.

	D.	Per oz	$\frac{1}{2}$ lb	lb.
Pinus patula. —An ornamental pine with drooping foliage. In moist localities it is nearly as rapid a grower as <i>P. insignis</i> . Suited to the moist regions of Eastern South Africa.	2/-	6/9	25/-
Pinus pinaster. —Cluster Pine. The forest pine of the Cape Peninsula, hardy and can be sown on the permanent situation (15 to 20 lbs. per acre).	6d	1/-	3/-
Pittosporum eugenoides. —May be grown as a shrub or small tree and splendid for hedges, pale metallic-green foliage, compact habit.	1/3	4/-	15/-
Pittosporum tobira. —Dark green foliage; white flowers, sweetly scented; more erect than <i>P. undulatum</i>	2/6	8/-	30/-
Pittosporum undulatum. —Glossy-green waved leaves, sweetly scented cream flowers, suitable for tall hedge or ornamental tree.	1/-	3/-	10/6
Podalyria calypttrata. —Very beautiful flowering shrub, rapid grower, mauvy pink pea-flowers in long sprays. Per pkt 6d; $\frac{1}{4}$ oz. 1/6.	5/-	—	—
Podalyria calypttrata, White. —This seed has been saved from the white form of this beautiful shrub but can not be guaranteed to come true to colour. Per pkt 6d; $\frac{1}{4}$ oz. 3/6.	12/6	—	—
• Polygala virgata. —Tall wiry Broom-like shrub with beautiful reddish purple pea-flowers. Per pkt. 6d; $\frac{1}{4}$ oz. 6/-	21/-	—	—
Podranea Brycei. —Zimbabwe Creeper. A rampant climber, large rose-pink tubular flowers. Per pkt. 6d; $\frac{1}{4}$ oz. 3/6	12/6	—	—
Protea compacta. —Tall spreading plant; rose colour; free flowering. Per pkt 6d; $\frac{1}{4}$ oz. 9d.	2/6	—	—
Protea marginata. —Variable habit; flowers pink with blackish brown tips. Per pkt 6d; $\frac{1}{4}$ oz. 9d.	2/6	—	—
Protea mellifera. —Commonly known as The Sugar Bush. A beautiful shrub of the South Western districts of the Cape Province; it yields a great quantity of delicious nectar. Per pkt 6d; $\frac{1}{4}$ oz. 9d.	2/6	—	—
Protea Mundii. —Very tall and erect, up to 20 ft., flowers white. Per pkt 6d; $\frac{1}{4}$ oz. 9d.	2/6	—	—
Protea neriifolia. —Variable rose and brown heads. Per pkt 6d; $\frac{1}{4}$ oz. 9d.	2/6	—	—
Protea obtusifolia. —Red, 6ft., bushy growth; flowers in early spring. Per pkt 6d; $\frac{1}{4}$ oz. 9d.	2/6	—	—
Rhus lancea. —Karoo. A hardy tree of the Karroo and other parts of South Africa; makes a splendid hedge plant as well as a shapely tree.	6d	9d	2/6
Robinia pseudacacia. —Ornamental white flowers, hardy to frost and drought but prefers moist localities, makes good fencing posts. Deciduous.	6d	1/9	6/-
Royena lucida. —Dense shrub with dark glossy foliage, excellent thornless hedge plant. Per pkt. 6d; $\frac{1}{4}$ oz. 2/3	7/6	—	—
Sterculia diversifolia. —Currajong. A handsome street tree, beautiful cream and red-marked flowers. The leaves are good fodder.	1/6	5/-	17/6
Sterculia platanifolia. —Chinese Parasol. Has very large leaves, often 12 in. across, and curious pod-like capsules; the flowers are insignificant; deciduous.	1/3	3/6	12/6
Serruria florida. —"Blushing Bride." A sparsely branched and foliated shrub, with beautiful flesh pink flowers; a very rare South African plant. Seeds 3/- doz.	—	—	—
Sutherlandia frutescens—Low Growing. —Early flowering soft shrub having crimson flowers and curiously inflated pods. Per pkt. 6d; $\frac{1}{4}$ oz 2/3	7/6	—	—
Syringa vulgaris. —Common Lilac	2/6	9/-	32/6
Tecomaria Capensis. —Per pkt. 6d; $\frac{1}{4}$ oz 2/6	8/6	—	—
Virgilia Capensis. —Evergreen leguminous tree with sweetly scented lilac flowers in spring and early summer. Per pkt 6d	2/-	6/9	25/-
Wistaria sinensis. —Blue Wistaria. Deciduous twiner, beautiful racemes of deep lavender flowers in early spring.	1/6	4/6	16/-
Wistaria sinensis alba. —"White Wistaria." Seeds: 6d doz.; 3/- per 100; 25/- per 1000.	2/6	—	—

Day, Son & Hewitt's Animal Medicines.

FOR HORSES, CATTLE, SHEEP AND PIGS.

	F.	Price.	Postage
Broncholine. —The great parasitic remedy for lambs and calves. For coughs and bronchial irritation, lung worms, tape worms, etc. ...		1/-	1/-
Chemical Extract. —An embrocation for wounds, bruises, sores, chafed shoulders, saddle galls, rheumatism, sore throats, swollen udders, sore teats, etc. ...		1/-	1/-
Gall Ointment. —Rapidly heals sore shoulders, saddle galls, greasy heels, speed cracks in horses and mules and wounds on cattle.	4oz size	9d	6d
	2oz size	6d	4d
Gall Sick Cure. —For "Gall-sick" which frequently arises from a change of dry to green grass or vice-versa, treat immediately ...	1/-		1/6-
Gaseodyne. —Used as laudanum for dulling pain; it soothes the nervous system in cases of difficult parturition, and is recommended for bronchitis, pneumonia, gastritis, influenza and dysentery ...	3/6		1/-
Gaseous Fluid. —For fret, colic or gripes, colds, chills, spasms, etc., in horses, mules, cattle, sheep, pigs and goats; affords relief in cases of hoven in cattle and sheep; recommended for prostrated animals after difficult parturition ...	2/-		4d
Horse Balls (Gelatine Coated). —Black Physic for constipation; Condition; Worm for stomach and intestinal worms; Digestive; Diuretic for thick water; Constitution; Cordial; Fever; Cough and Grease. Per doz 9/6, postage 1/-	1/-		2d
Kossolian. —The great blood purifier and conditioner for all animals. Specially recommended for all blood disorders such as surfeits, itching, anæmia, unthriftiness, humours, skin affections, sluggishness, staring coat, indigestion, lack of appetite, etc. "Kossolian" quickly prepares animals for show or for sale, and is given sprinkled amongst the food. Per 28lbs 60/-; 8½lbs 30/-.	Per 2lbs	8/6	1/6
	Each	2/-	2d
	Per doz	21/-	1/-
Patent Pessaries For breeding stock			

No. 1 Yellow.—For expelling the cleansing after calving, rendering the passage aseptic, it prevents blood poisoning from the after-birth becoming foul.

No. 2 Pink.—For inflammation after difficult foaling or calving. Acts as a painkiller.

No. 3 Green.—For "Whites" in cattle, mares, etc. The passage should be syringed first.

No. 4 Brown.—For slipping or abortion, preventing the bacillus entering the vagina.

No. 5 Mauve.—Used as an "antacid" for sterility and barrenness, including cows and mares "turning," "not holding," etc.

"Peskarier"



Flange

For COWS. MARES, etc.

Each 12/6 6d



This "Peskarier" or Introducer renders the passing of the Patent Pessaries a very simple operation. **No Danger!** This Instrument obviates using the arm and hand, and is easily sterilized in boiling water.

ANIMAL MEDICINES.

(Day, Son & Hewitt).

	F.	Price.	Postage
Porcino Pig Powders. —For inflammatory disorders, skin eruptions, etc. Keeps pigs in first class condition. Per doz pkts		2/6	4d
Red Drench. —The safe and natural aperient for all animals. Invaluable for colds, chills, indigestion, costiveness, garget, murrain, yellows, hidebound, fardelbound, loss of cud, etc. Highly recommended for cows after calving and ewes after lambing; it cleanses the system, prevents milk fever, and checks all feverish symptoms. Per doz pkts 15/-		1/3	6d
Salodyne. —For fluke and liver rot	Per tin	2/6	—
	Larger	4/6	—
Udder Salve. —For sores and wounds on udder or teats	...	5/-	1/-

POULTRY REMEDIES.

All the remedies prefixed with a number are Spratts', in other instances the maker's name is given.

	F.	Price.	Postage
151— Bronchitis Pills. Invaluable in all bronchial affections. ...		9d	2d
154— Diarrhoea Powders. Timely administration avoids more serious complications. ...		1/3	4d
160— Liver Pills. Immediately a dark coloured comb is observed these pills should be administered followed by a small dose of Epsom Salts. ...		9d	2d
164— Roup Powders. The most popular form of remedy for Roup as it can be administered in the drinking water or added to the mash food. Owing to the contagious nature of the disease, some form of Roup cure should always be at hand. ...		1/3	4d
167— Scurvy Leg Ointment. A reliable remedy for this unsightly condition. ...		1/3	2d
177— Tonic Worm Saline ...		2/-	6d
Kossolian (Day, Son & Hewitt).—The great blood purifier and conditioner. Per tin		3/-	1/-

DOG REMEDIES.

All the remedies prefixed with a number are Spratts', in other instances the maker's name is given.

	F.	Price.	Postage
48— Distemper Pills. The best known remedy for this great canine scourge. ...		2/-	2d
49— Distemper Powders. Prepared in this form for those who find it difficult to give the dog pills. ...		2/-	2d
50— Ear Canker Lotion. Makes treatment of canker simple; soothing and easy to apply. ...		2/-	4d
55— Mange Lotion. Of powerful penetrative properties and extremely effective. Destroys lice, fleas, ticks, etc. ...		2/-	1/-
56— Aperient Pills. A safe and powerful aperient medicine. ...		2/-	2d
61— Vermifuge Pills for Puppies. A safe treatment for worms in puppies under six months old; entirely a vegetable preparation. ...		2/-	2d
63— Worm Pills for Dogs. A certain expeller, suitable for dogs of four months and upwards. ...		2/-	2d
Cough Mixture (Day, Son & Hewitt).—For Dogs and Cats. For coughs, colds and irritation of the throat and lungs ...		1/9	6d
Dog and Puppy Pills (Day, Son & Hewitt).—Distemper; Cough; Astringent; Worm; Aperient ...		1/9	4d
Fever Mixture (Day, Son & Hewitt).—A safe and valuable preparation for distemper ...		1/9	1/-
Kossolian (Day, Son & Hewitt).—The world-famed blood purifier and conditioner for all dogs. Per tin		3/9	6d
Pulvex. —Vermin powder for dogs and cats. 1 lb. tin		2/9	1/-
Sopex (Cooper, McDougall & Robertson).—A non-poisonous shampoo; cleans and improves the coat and skin ...		1/9	4d

ANIMAL MEDICINES.

MISCELLANEOUS REMEDIES.

	E.	Per lb	25 lbs	50 lbs	100lbs
Epsom Salts	...	6d	5/-	8/6	16/-
Glauber Salts	...	6d	4/6	7/3	13/6
Precipitated Phosphate (Analysis: Phosphoric oxide soluble in 2 per cent. citric acid solution, 37.5 per cent., lime 45 per cent.)	...	6d	5/-	8/6	15/-
McDougall's Ear Smear for Ticks	...			2/- per tin	
"Delmore" Nicotine Tick Ointment	...	Per lb	1/-	5 lbs	4/-
"Delmore" Tick Oil	...	Per $\frac{1}{8}$ gal.	1/-	1 gal.	5/-

Lawn Sand and Weed Killer.

"Capex" Weed Killer (Lawn Sand).—Destroys the soft annual weeds of lawns, while it stimulates the growth of the permanent grass forming the lawn. Per 5 lbs 2/6; 25 lbs 8/-; 50 lbs 15/-; 100 lbs 27/6.

"Kudu" Lawn Sand.—This is our own preparation for the destruction of weeds in lawns. It has a burning effect on the soft weeds but is beneficial to the harder, permanent grass. Per 5 lbs 1/6; 25 lbs 5/-; 50 lbs 8/6; 100 lbs 15/-. E.

Velvas

"I CAN SEE TO AN INCH WHERE I
HAVE USED VELVAS LAWN SAND."

So says a user. And it is true. There is a very decided dividing line between grass fed and cleaned with Velvas and grass just left alone. Velvas treated grass is a brilliant emerald green against the dowdiness of its neighbour. Such is the wonderful effect of Velvas Lawn Sand. It creates remarkable transformations in old and impoverished lawns and keeps good lawns in the finest possible condition. $3\frac{1}{2}$ lbs 1/9; 7 lbs 3/-; 14 lbs 5/-; 28 lbs 8/-; 56 lbs 15/-; 112 lbs 27/6. E.

ERADIWEED.

The Guaranteed (1-100) Weed
Killer.

A Clean Path always adds to the
Appearance of the Garden.

Economy is one big feature since a pint tin of **Eradiweed** will destroy all weeds over an area of 50 square yards when diluted with water in the proportion of 100 to 1. **Care** should be exercised to a reasonable extent when applying the Weed Killer in view of its poisonous nature, and due respect paid to the possibilities of domestic animals coming into contact with and eating the treated vegetation. E.

Full directions for use accompany each package.

Pints 3/-; Quarts 4/3;
 $\frac{1}{2}$ Gallons 7/6; 1 Gallon 14/-.

Multiple Powder Weed Killer.—Non-poisonous. For clearing weeds from paths, drives, etc. Simple and effective. Per tin (sufficient for 60 sq. yds. of surface) 1/3.

POTTING SOIL.

Specially mixed for **Ferns**
Specially mixed for **Carnations**
Specially mixed for **Chrysanthemums**
Specially mixed for **General Purposes**
Leaf Mould

E.	Per bushel	4 bushels.
...	3/-	10/-
...	3/-	10/-
...	3/-	10/-
...	3/-	10/-
...	3/-	10/- E.

Insecticides, Fungicides, etc.

Arsenate of Lead Powder.—The right spray for Caterpillar, Codling Moth, etc. The powder form is about double the strength of paste. Per lb 2/3; 4 lbs 5/-; 24 lbs 27/6; 48 lbs 50/-; 96 lbs 96/-.

Auto-Shreds.—For fumigating conservatories, green-houses, etc. Per packet, No. 3, for 1,000 cubic feet, 1/3.

Black Leaf 40.—Nicotine sulphate for spraying fruit trees, shrubs, vegetables and flowers. Kills poultry lice—no dipping or dusting—just paint it on the perches. Per oz 1/9; 5 oz 6/6; 1 lb 12/6; 2 lbs 18/6.

"Capex" Ant Poison.—Per pint tin 2/6.

"Capex" Bordeaux Mixture.—In powder form, 1/6 per lb; 4 lbs for 4/-; 8 lbs 7/6; 24 lbs 21/-; per case of 48 lbs 40/-.

"Capex" Mole and Vermin Fumigators.—Price 3d each, 2/- per doz; 13/6 per 100.

"Capex" Nicotine Sulphate or Tobacco Extract.—The standard remedy for Black Peach Aphis and similar pests. (8 per cent.) Pints 3/9; 1 gal. 23/6.

"Capex" Resin Wash.—Per gal. 8/6; 5 gals. 36/-.

"Capex" Sulphur-Lime Solution.—An ideal winter spray for deciduous trees and a highly efficient sheep dip. Per pint 1/6; gallon 4/-; 5 gallons 13/6. Larger quantities, direct from the factory, quoted specially on application.

"Capex" Tobacco Dust.—For Black Peach Aphis and similar pests (4 per cent). Per lb 2/3; 9 lb drum 12/6.

"Carmona" Spray.—A summer spray, insecticide and fungicide. Dilution 100 to 1, directions on every tin. Per bottle 1/6; ½ gallons 5/6.

Glensel.—Fruit fly bait. Per gallon 12/6.

Clift's Fluid.—The most scientific and effective preparation for the destruction of wireworms, slugs, grubs and all soil pests. It can be used at any time but is more especially for application during the growing season. The usual dilution is 1 part to 150 parts of water. Full directions accompany each container. Pints 3/-; quarts 4/6; ½ gal. 7/6; gal. 11/9; 5 gals. 57/6.

Copper Sulphate.—Per lb 1/3; 5 lbs 3/6; 25 lbs 12/6.

Cyanogas.—A convenient dusting powder for the destruction of rats, mice, moles, ants and other vermin in their burrows and in buildings or in stacks of grain. A suitable powder blower is required for its application. Directions on the tin. Per 5 lb tin 11/6; 25 lbs 42/6.

Garden Naphtaline.—An excellent soil fumigant. Per lb 6d; 25 lbs 7/6; per bag of 112 lbs 25/-.

Gishurst's Compound.—An old and reliable insecticide, recommended for Scale, Mealie Bug, Red Spider, Thrip, and Green and Black Fly (Aphis). For growing plants use 1 to 2 ozs. dissolved in a gallon of water. For dormant trees use 4ozs. to a gallon. Price: 2/- per 14 oz. cake.

"Harbas."—For scale eradication. Pints 2/6; gal. 8/6; 5 gals. 35/-.

Katakilla.—A powder insecticide wash for Aphides of various kinds. It is harmless to the plant and non-poisonous, therefore most useful in the vegetable garden. Per 10 gallon pkt. 2/-; 50 gallon pkt. 6/3.

Kudu-Formal.—For washing seed grain to prevent smut. Per 1 lb bottle 1/9, packed for post 2/9 (postage 2/-). Per 1 gal. tin 8/6; ½ gal. 5/6; 1 gal. jar 13/6; ½ gal. jar 8/6.

"Kudu" Wood Preservative.—The finest for destroying vermin in poultry houses. Per gallon 4/6.

McDougall's No. 2 Fruit Tree Wash.—A Nicotine-soap summer spray, very effective against Black Peach Aphis and similar pests. Pints 2/9; per gallon 12/6.

Multiple Winter Wash.—For use only when trees are dormant. This wash is unrivalled for cleansing fruit trees from moss and lichen, destroying fungoid spores, woolly aphis and hibernating insects and it effectively checks the ravages of canker. Quarts 2/6; gal. 6/-; 5 gals. 20/-; 10 gals. 32/6.

"Ostico."—For tree banding. Per ½ lb 2/-; 10 lbs 31/6.

"Pulvex."—Vermin Powder. For dusting dogs, cats, poultry, etc. Per 1 lb tin 2/9.

Sulphur.—Ground rock sulphur for vines, also very useful remedy for mildew in roses. Per lb 6d; 12 lbs 3/6; 50 lbs 10/6; 100 lbs 20/- . Large quantities quoted specially for direct delivery from the factory, 18/6 per 100 lbs.

Vistolene.—A good spring and summer wash for fruit trees, destroys biting and sucking insects and controls fungi. Per ½ gal. 5/-; gal. 8/6; 5 gals. 25/-.

Volck.—A remarkably fine spray for summer use, can be used on tender garden and greenhouse plants if mixed and used according to directions. In full strength it is splendid for scale of all kinds. Pints 3/-; quarts 5/-; gals. 12/6. D.

Fertilisers.

Agricultural Lime.—This is carbonate of lime for fertiliser purposes. It is in the right form for the garden—don't attempt to whitewash the fowl house with it. It is of no use for that purpose. Liming is important and should be carried out at intervals—every three years or so. It sweetens the soil and helps to prevent disease. A fairly heavy dressing is advisable, at least $\frac{1}{2}$ lb per square yard. 100 lbs 3/-; 200 lbs 4/6; 2000 lbs 35/-.

Sulphate of Potash.—Useful when bone meal is used instead of a complete fertiliser as it supplies the potash that is lacking in bone meal. It may also be used as an extra dressing for Potatoes, Tobacco and similar crops needing an ample supply of potash. Tomatoes and many other vegetables would probably be benefited by a light extra dressing of potash in this form. Per lb 6d; 25 lbs 6/-; 50 lbs 10/6; 100 lbs 19/6; 200 lbs 35/-.

Charcoal Dust.—Splendid as a sweetening agent, especially for plants in pots or tins. 25 lbs 2/6; 50 lbs 3/6; 100 lbs 5/-.

Ground Kraal Manure.—An excellent substitute for stable manure but much more concentrated. It is specially beneficial on soils lacking in humus. 25 lbs 2/-; 100 lbs 5/6; 200 lbs 10/-; 2000 lbs £3/10/-.

Nitrate of Soda.—Supplies nitrogen in a very soluble form. It may be dissolved and applied in liquid form to pot plants or in the garden. Or, it may be broadcasted just before a rain or before using the hose. It acts instantly if the plant is in full growth and thus able to take it up. $2\frac{1}{2}$ lb cartons 1/-; 25 lbs 6/-; 50 lbs 10/-; 100 lbs 18/6.

Standard Adco.—For making synthetic farmyard manure. Per 10 lbs 2/3; 25 lbs 4/6; 50 lbs 8/6; 100 lbs 15/-; 200 lbs 28/6.

Sulphate of Ammonia.—With 20 per cent. nitrogen this is more concentrated than Nitrate of Soda which has 16 per cent. It may be used for compounding special mixtures or it may be applied separately in powder form. Per lb 6d; 25 lbs 4/-; 50 lbs 6/6; 100 lbs 11/6; 200 lbs 20/-; 2000 lbs £9/10/-.

Whale Meat.—A valuable nitrogenous fertiliser for all crops, especially in the Vegetable Garden. Per 25 lbs 4/6; 100 lbs 14/-; 200 lbs 26/6; 2000 lbs £12 10/-.

Basic Slag.—An excellent phosphatic fertiliser. Not so soluble as Superphosphate but has the advantage in that it tends to sweeten the soil. 25 lbs 3/3; 50 lbs 5/9; 100 lbs 8/6; 200 lbs 14/-; 2000 lbs £6.

Basic Superphosphate.—Per 25 lbs 3/3; 100 lbs 8/-; 200 lbs 12/6.

"Kudu" Degelatinised Bone Flour.—This is a very valuable fertiliser for all purposes and especially for garden work. 25 lbs 3/6; 50 lbs 6/-; 100 lbs 10/-; 200 lbs 16/-; 2000 lbs £7.

"Kudu" Precipitated Phosphate.—This is a highly concentrated Bone Phosphate, containing over 37 per cent. phosphoric oxide in a very soluble form. It is especially valuable for feeding purposes and as a fertiliser it is particularly useful when it is desired to apply phosphates without any nitrogen as usually found in ordinary Bone Meal, and apart from all other considerations it is a very economical fertiliser. Per 25 lbs 5/-; 100 lbs 15/-; 200 lbs 27/6; 2000 lbs £12/10/-.

Superphosphate.—A very soluble phosphatic fertiliser and very largely used by grain farmers but for gardening we prefer Basic Slag and Precipitated Phosphate. Per 25 lbs 3/3; 100 lbs 7/6; 200 lbs 12/-; 2000 lbs £4 10s.

Soil Inoculants.—"Dry-Inoc" is the latest preparation for inoculating legume seeds. It is in a very convenient dry powder form which adheres readily to the seed and keeps well. You will find full particulars in page 14 of this catalogue.

Sulphate of Iron.—Price per lb 4d; 25 lbs 5/-; 100 lbs 15/-.

"Capex" Vegetable and Garden Fertiliser.—This is a highly concentrated mixture for general garden work. 4 lb pkt 1/-; 25 lbs 4/-; 50 lbs 6/6; 100 lbs 10/6; 200 lbs 18/6; 2000 lbs £8/10/-.

"Carmona" Plant Food.—Packed in convenient form for the small grower. Many gardeners swear by "Carmona" Plant Food. Price: 7 lb bags 4/3; 14 lb bags 6/9.

"Kudu" General Garden Fertiliser.—The ingredients are in correct proportion for general garden work. About 8 ozs. per sq. yard is a suitable dressing in the vegetable garden. 25 lbs 3/6; 50 lbs 5/6; 100 lbs 9/6; 200 lbs 17/-; 2000 lbs £7 10s.

Analysis: Phosphoric oxide soluble in 2 per cent. citric acid solution 10 per cent., total phosphoric oxide 12 per cent., nitrogen 4 per cent., potash 4 per cent., lime 16 per cent.

"Kudu" Grain Fertiliser.—100 lbs 10/-; 200 lbs 16/-; 2000 lbs £7.

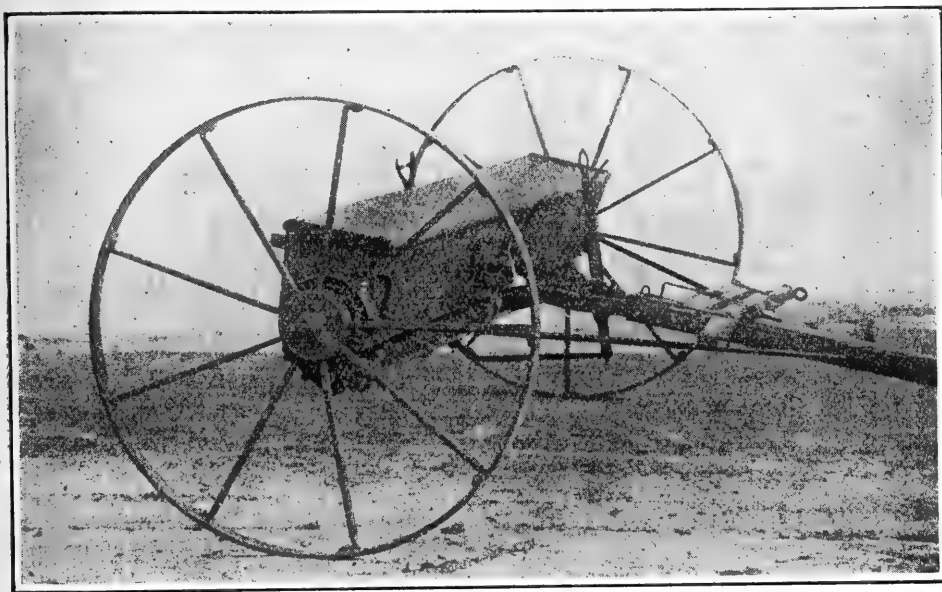
"Kudu" Maize Fertiliser.—100 lbs 10/-; 200 lbs 16/-; 2000 lbs £7.

"Kudu" Potato Fertiliser.—100 lbs 10/6; 200 lbs 18/-; 2000 lbs £8.

"Kudu" Special Grass Fertiliser.—100 lbs 10/-; 200 lbs 16/-; 2000 lbs £7.

"Kudu" Special Vine Fertiliser.—100 lbs 10/-; 200 lbs 16/-; 2000 lbs £7. D.

The "Kudu" Manure Distributor.



The "Kudu" will evenly distribute all classes of Artificial Manure, such as: **Basic Slag, Superphosphates, Government Guano, Ground Lime, Raw Phosphates, Dissolved Bones, Nitrates, Sulphate of Ammonia and Potash**, as well as Mixtures; and as may be desired light and heavy dressings may be given.

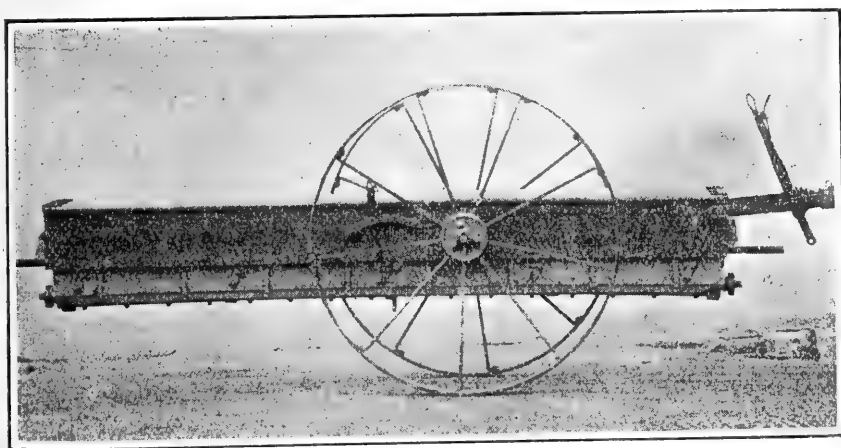
Weight approximately 650 lbs.

Covering width, 9 feet.

Fitted with Steel Wheels.

The Manure Outlet is low and near the ground, a valuable feature when the work is being carried out on windy days.

Owing to the variation in the density of Manures, the only certain means of ascertaining the quantity sown per acre is to note the weight of quantity put into the box before starting, then by measuring the ground covered when the box is empty.



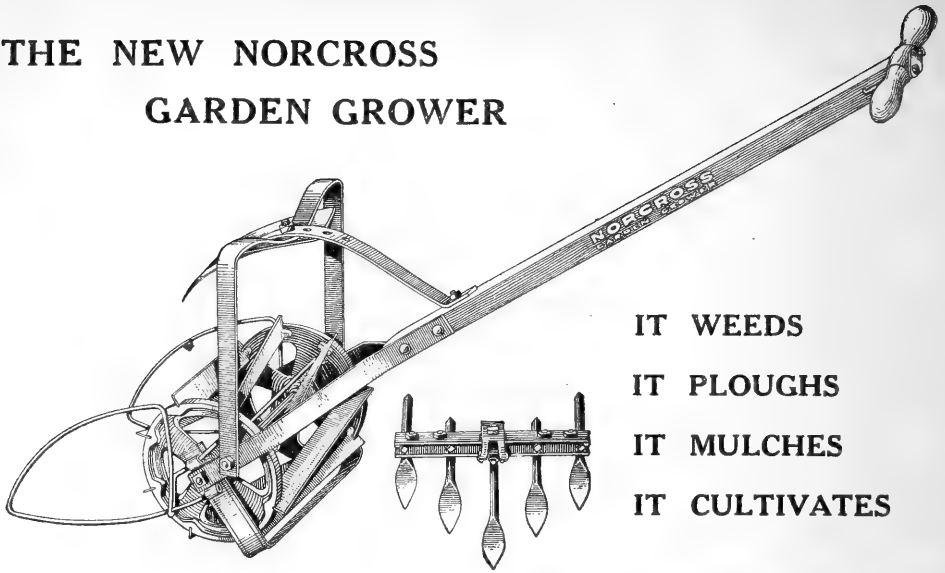
This photograph shows the machine fitted for transport.

Price { To sow 9ft. wide, fitted with Steel Wheels, and Lever to adjust Machine for work on hilly land (including Transport Attachment) } £21

Less 5 per cent. Dis. for Cash.

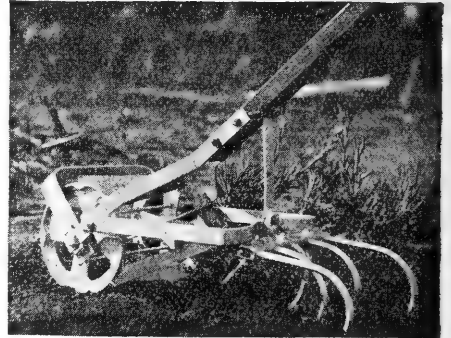
B.

THE NEW NORCROSS GARDEN GROWER

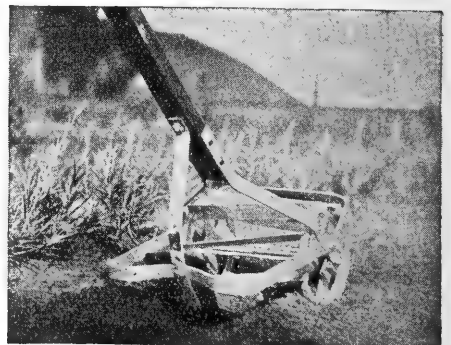
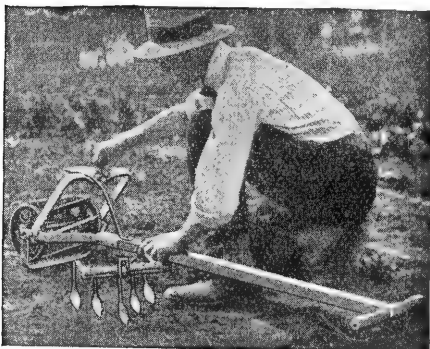


IT WEEDS
IT PLOUGHS
IT MULCHES
IT CULTIVATES

Another Norcross Hit—the very last word in garden implements—a device which embodies every essential tool for the conditioning and maintenance of the soil in the family or commercial garden. The New **Norcross Garden Grower** banishes the back-breaking drudgery and work of garden planting, weeding, cultivating, hoeing and mulching, by performing these operations in a quick, easy way, without bending, kneeling, stooping, pulling, tugging or hand hoeing.



Cultivator in Action.



Opening Furrows for Planting.

NORCROSS GARDEN GROWER - No. E10, 10-in., £2 5s.
(Spare Parts Stocked) No. E8, 8-in., £2 2s.

WE BELIEVE IN BETTER SEEDS. WON'T YOU TRY THEM?

"IRON KING" STEEL FRAME SEEDER.



Thousands of these drills are in use to-day. Get one and let it pay for itself in time and labour-saving.

Price: £4 5s. 0d.

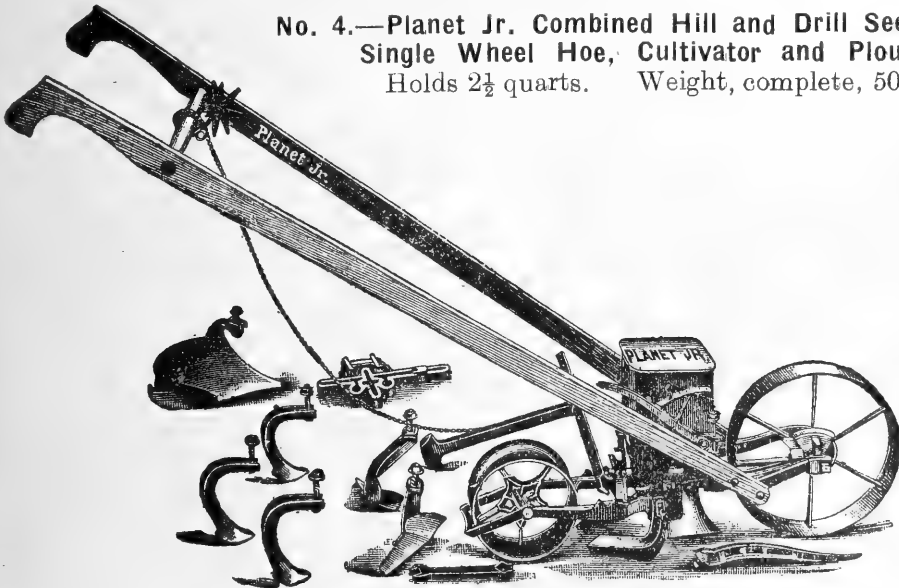
E.

The Iron King Seeder No. 4 is a masterpiece in implement construction. It has fewer parts and is less complicated than any other seeder. Made of steel it is practically indestructible and will last an ordinary lifetime. Large growers employing inexperienced labour choose this seeder because of its unusual simplicity. It is practically impossible to make an error with this implement—it's so easy and simple that a child can handle it.

The adjustable V-shaped shoe, which originated with the Iron King, makes it possible to sow seed in a straight line and at a uniform depth.

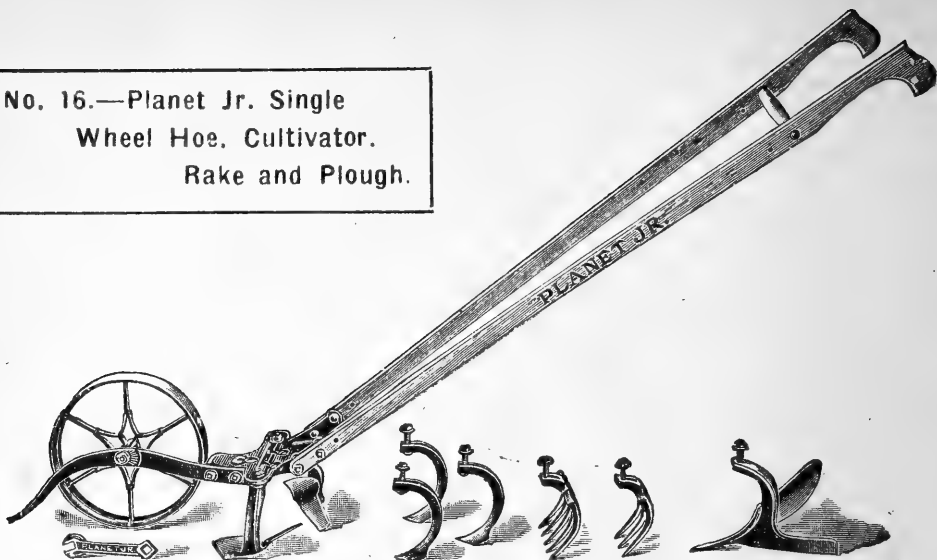
No. 4.—Planet Jr. Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plough.

Holds $2\frac{1}{2}$ quarts. Weight, complete, 50 lbs.



An accurate hill-dropping seeder. A continuous row seeder. D.
 An admirable single-wheel hoe. A splendid single-wheel cultivator.
 An excellent furrower. A rapid and efficient wheel garden plough.
 Price, as illustrated £4 12 6

**No. 16.—Planet Jr. Single
Wheel Hoe, Cultivator.
Rake and Plough.**



We offer these Single Wheel Hoes as the highest type of their class. They have an assortment of tools which adapts the implement to a large variety of work, and there is scarcely any garden culture of which they are not capable.

Nos. 16, 17, 17½ and 18 wheels and frames are alike, but the tools sold with each vary. Thus the No. 17 is not supplied with rakes, the No. 17½ has neither rakes nor plough; whilst the No. 18 has only two hoes and no other tools.

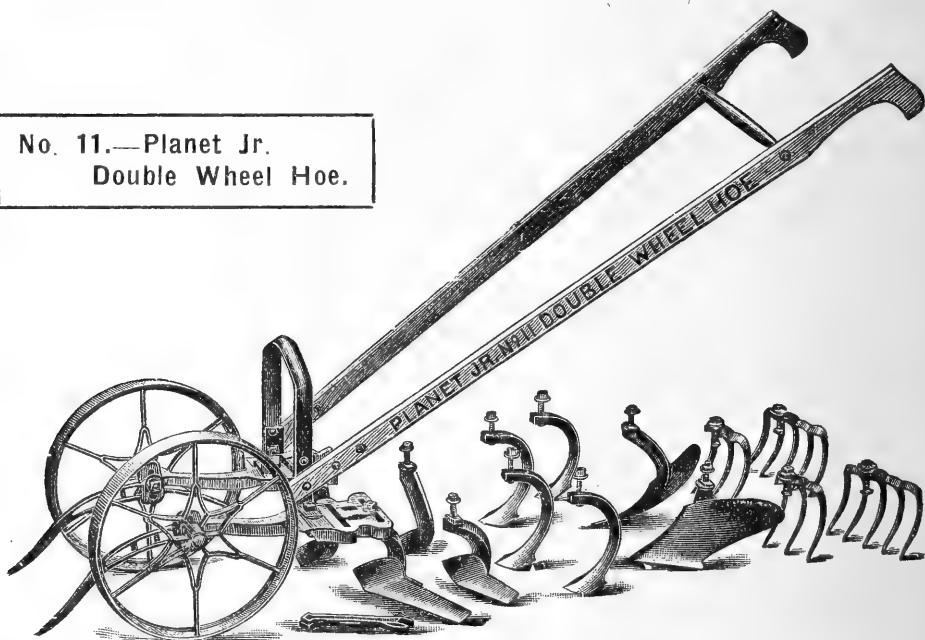
Prices:

No. 16	...	46/-
No. 17	...	42/6
No. 17½	...	37/6
No. 18	...	34/6

Packed Weight

29 lbs
26 lbs
22 lbs
20 lbs

**No. 11.—Planet Jr.
Double Wheel Hoe.**



No. 11, 12 and 13 wheels and frames are alike, but the tools supplied with each vary. No. 11 has the attachments shown in the illustration. No. 12 has no rakes and one pair hoes only, otherwise as illustrated. No. 13 has 1 pair hoes and no other tools.

Prices:

No. 11	...	75/-
No. 12	...	60/-
No. 13	...	45/-

Packed Weight

37 lbs
32 lbs
28 lbs

"IRON KING" SINGLE WHEEL CULTIVATOR No. E42.



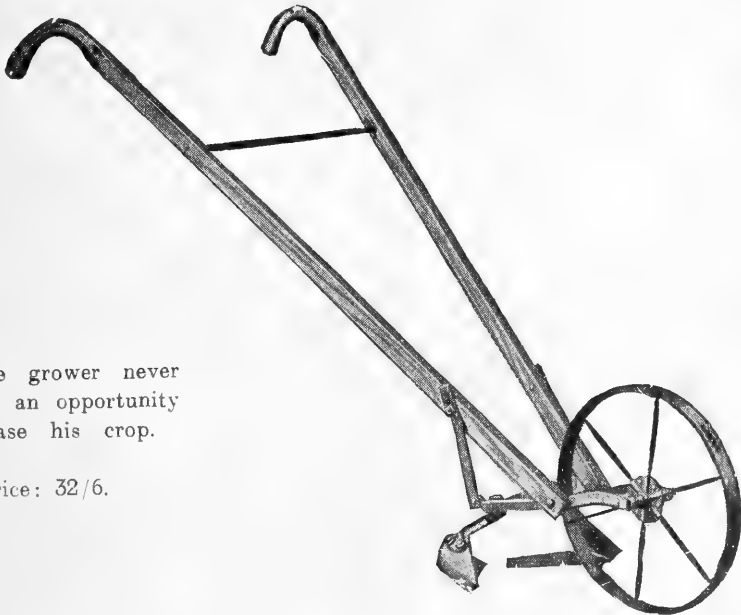
One of the most popular tools used by American growers. Have you yours?

Price: 42/6

This one is the most popular of all the Iron King Implements. Made strong enough to withstand hardest usage and give years of service.

Note.—This pattern is now supplied with the same frame as No. 13A with side stays added as per illustration below, making a very strong combination.

NEW TYPE "IRON KING" SINGLE WHEEL HOE No. E13A.



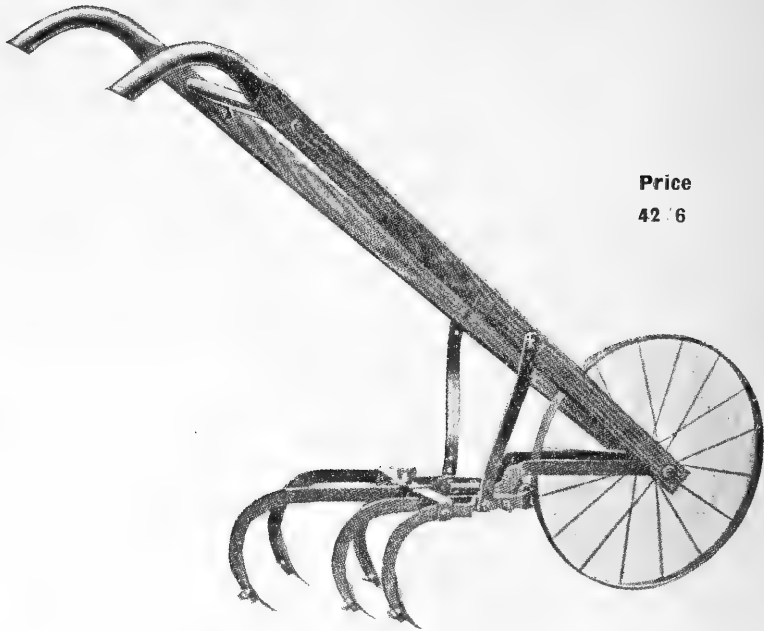
The wise grower never overlooks an opportunity to increase his crop.

Price: 32/6.

Every person who owns a garden, no matter how small, should have this tool. A wide range of uses saves its cost in a short time. It is extremely durable, yet light in weight.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

THE "SKABOO" CULTIVATOR.

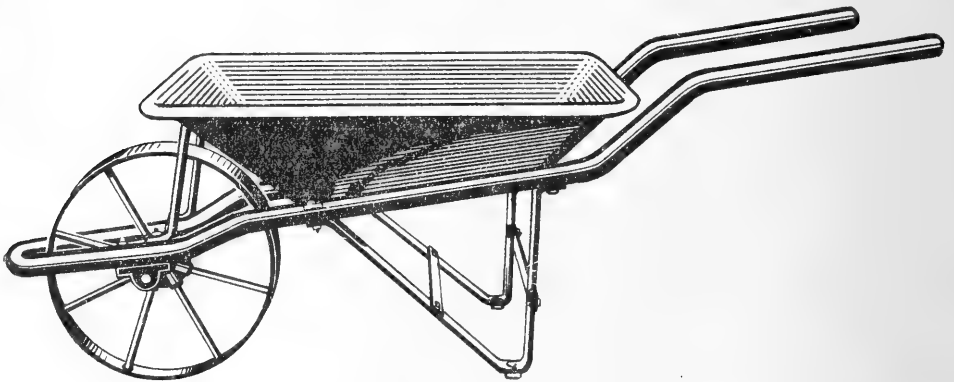


Price
42 6

A Regular Cultivator just like the big ones built so that it pushes easily by hand. Teeth are real cultivator teeth—detachable, reversible and adjustable to any width from 10in. to 16in. It has a big stout wheel which makes it run easily.

Handles are adjustable to make the teeth cut any depth and they do a real cultivating job. E.

Weight 21 lbs.



ALL STEEL WHEELBARROW, No. D1.

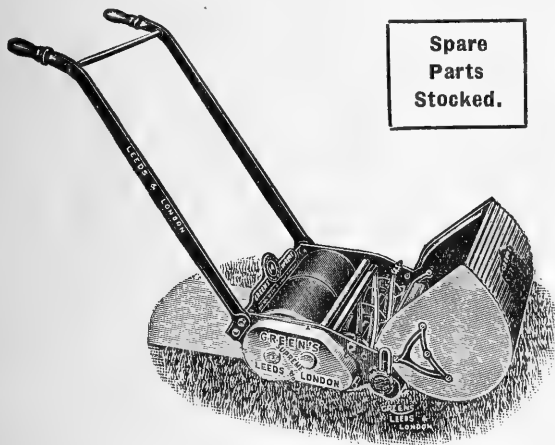
Price 32/6.

Labour-saving is not the only advantage to be derived from the use of IRON KING Tools, nor is it the principal advantage—in fact, you need not discharge a single labourer when you buy an IRON KING Implement because it will enable you to do the work better and more regularly and you will have bigger and better crops in return for your investment; you will make a big cabbage grow where a small one grew before! See pages 77 and 79.

GREEN'S "SUPREME" LAWN MOWERS. 8 KNIVES IN CUTTING CYLINDER. STEEL SIDES.

The "Supreme" Mowers have machine-cut Gear, all details are interchangeable and accessible, the Drums and Cutting Cylinder are mounted on double row self-aligning ball bearings, and may be detached or attached without dismantling the machine.

All Bearings and Gearing are enclosed in grease-retaining and grit-proof cases, the intermediate gear is mounted on a roller bearing and the drums and metallic front rollers on hollow shafts, all being force lubricated by a grease gun which is supplied with the Machine.



The Cutting Cylinder is adjustable, the bearings, being fitted with a positive screw arrangement and lock nut, therefore close cutting is not affected by cylinder wear, and is obtained throughout the life of the cylinder.

The Front Roller Fixings are adjustable and graduated for depth of cut.

The Handles are adjustable for height.

Prices:

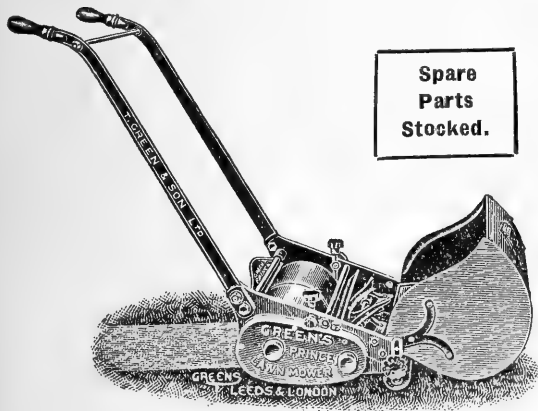
Size 10in.	£10 0 0
Size 12in.	£12 0 0
Size 14in. (close cutting for Bowling Greens)	£13 15 0
Complete with Grass Box.	

FITTED WITH BALL BEARINGS ON CYLINDER AND DRUM SHAFT.

A loose Delivery Plate is fitted and if withdrawn enables the grass to be thrown at the rear of the machine when Grass Box is not in use. D.

GREEN'S "PRINCE" LAWN MOWERS.

LIGHT WHEEL-GEARED PATTERN (Steel Sides).



The Mower is driven by machine-cut gear, all details are interchangeable and accessible. The Drums and Cutting Cylinder are mounted on double row self-aligning ball bearings, which may be detached or attached without dismantling the machine.

The Drumshaft and Cutting Cylinder Bearings, also the Gearing, are enclosed in grease-retaining and grit-proof cases, and are force lubricated with a grease gun supplied with the machine.

The Bottom Blade is mounted on a rocking sole plate, fulcrumed on a rigid stay and adjusted by a positive double screw arrangement and locked by a nut.

The front roller-fixings are adjustable and graduated for depth of cut.

The pushing handles are adjustable for height.

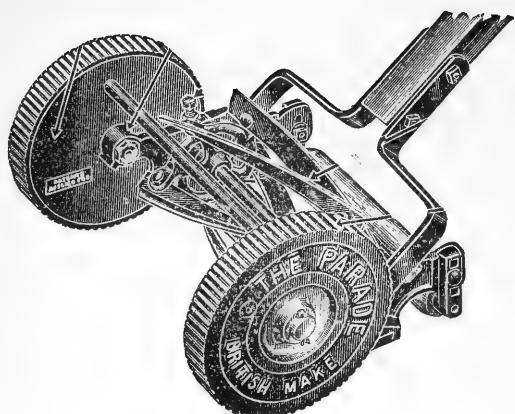
Six Knives in Cutting Cylinder.

Prices:

10in.	£8 0 0
12in.	£9 0 0

Complete with Grass Box.

A loose Delivery Plate is fitted and if withdrawn enables the grass to be thrown at the rear of the machine when Grass Box is not in use. D.

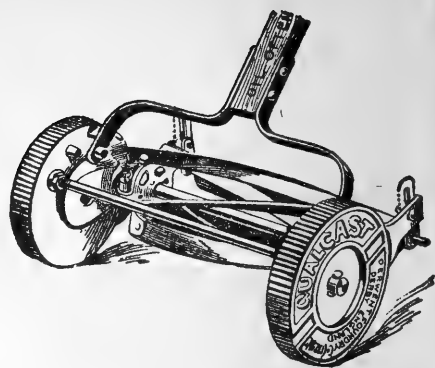


THE "PARADE" LAWN MOWER.

The smallest house can afford one at this price. A sound and serviceable machine; 10-inch cut.

Price: 35/- (as illustrated).

F.



The "QUALCAST" Lawn Mower Model H.

Cuts 12 in. wide.

Price: £2 12s. 6d.

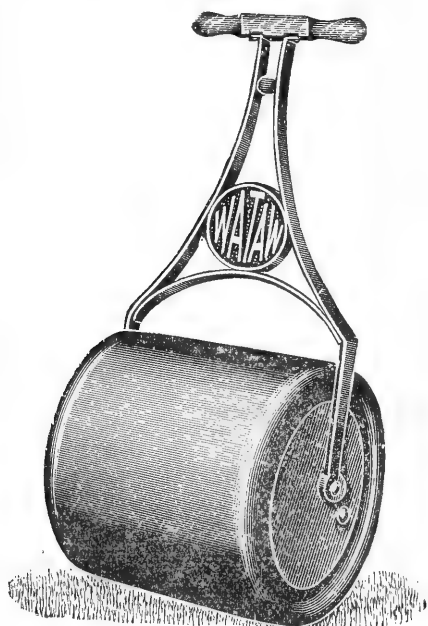
With Ball Bearings.

Grass Box 12/6 extra.

Spare Parts Stocked.

D.

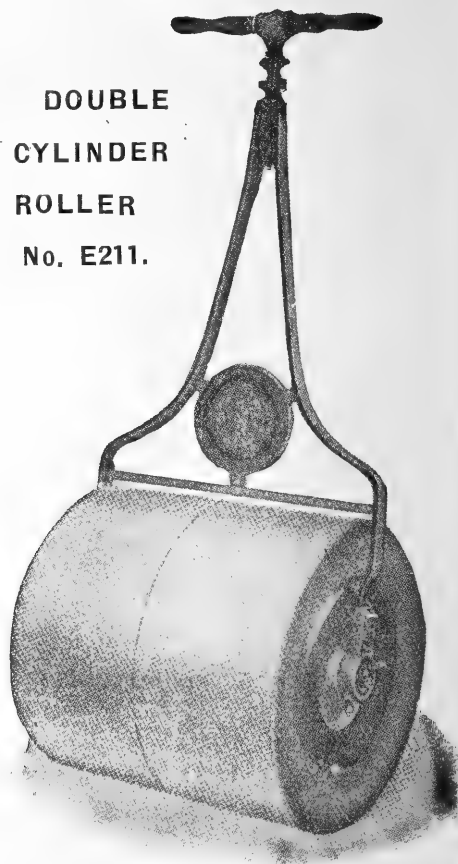
GARDEN ROLLER. THE "WATAW" DOUBLE CYLINDER ROLLER No. E211.



Adjustable with Water or
Sand Ballast up to about

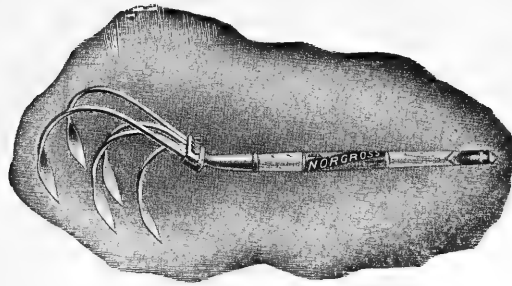
Weight	Size	Price
200 lbs	16in. x 16in.	63/-
250 lbs	18in. x 18in.	75/-
300 lbs	18in. x 20in.	87/6

D.



24in. x 24in. 588 lbs.
Price: £10 10s.

"NORCROSS" HAND GARDEN CULTIVATORS.



No. G55 Hand Cultivator.

Five Detachable Spring Steel Prongs with forged Shovels—attached to Malleable Head with (4) standard $\frac{1}{4}$ in. bolts.

Malleable Ferrule (with handle) can be disconnected and by use of **Norcross** Universal Connection (supplied extra when desired), the Cultivator-head can be attached to standard makes of wheel plows. (An exclusive **Norcross** feature—patented).

Handle, finest quality, 4 feet long, waxed and belted finish, richly labelled.

Metal Parts Black, with Silver bronzed shovels.

Price: 5/3 each.

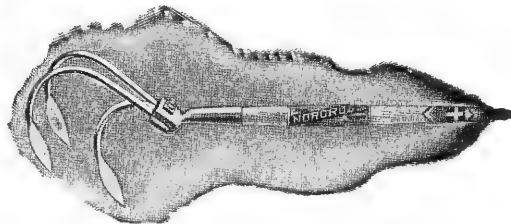
Spare Prongs 9d each.

No. G33 Hand Cultivator.

A modification of the 5-prong, in size, weight and price with same quality and finish.

Has 4-ft. high grade handle, 3 Detachable Steel Prongs, and weighs only 2 lbs.

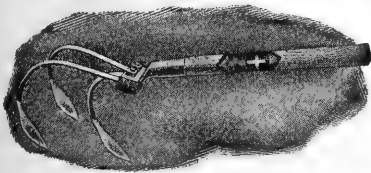
Cultivates between very narrow rows, is light enough for women who garden, and costs no more than the common hoe. **Price:** 4/- each. Spare prongs 9d each.



No. G11 Midget Weeder.

Same Construction, Quality and Finish as the 3-prong Cultivator-Hoe, but smaller, has 9-in. handle.

Designed for cultivating Gardens, Flowers, Small Shrubby, etc., where close hand work is required. It is supplied at a low price and out-classes all other cheap malleable weeders. Its weight is only 12 ounces. **Price:** 2/6 each. Spare prongs 6d each.



The "Norcross" Universal Connection.

A very neat little connecting piece can be had for attaching the full set of prongs of the "Norcross" Cultivator to any Planet Jr. or Iron King Hand Wheel Hoe. The combination works like a charm. **Price:** 1/6. G.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

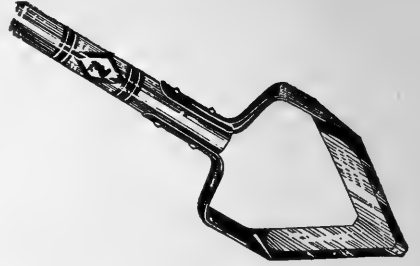
THE DIAMOND POINT PUSH HOE.

No article in recent years has aroused so much interest as this amazing hoe. Women and children enjoy using it—no frantic chopping or back-breaking labour. You can do more work in less time than with any other hoe. It works with ease on hard ground. It is especially adapted for use under bushes, around small plants and for all garden work.

With the **Diamond Point Push Hoe** the load is gradual from the point towards the widest section so that the cutting edge travels at an angle, thus almost entirely eliminating resistance.

Any tendency to side slip is prevented by a couple of notches in the blade edge. In practice the **Diamond Point Push Hoe** travels dead straight and can work closer to the crop than any other type of Hoe.

The **Diamond Point Push Hoe** has a 54-inch handle and is beautifully finished. Price 7/6. F.



GARDEN HOES.

6 inch (with handles), 4/- each.

No. D146.

DUTCH HOE.



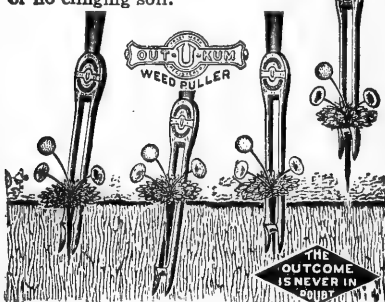
No. E49. Solid Steel, stamped, fitted with neatly finished handle. A first class implement. English make.

Price: 6in., 5ft. handle, 3/3.

8in., 5ft. 6in. handle, 3/6.

The "OUT-U-KUM" WEED PULLER

An Entirely New Principle
A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the ENTIRE ROOT, with little or no clinging soil.



Price 4/- each.

F.



GARDEN RAKE No. F4199.

This splendid rake is strongly made and thoroughly reliable. It is a well finished article and the only thing about it that is cheap is the price.

13in. 12-teeth 2/6 each

8½in. 8-teeth 2/- each

Complete with 5-foot handle

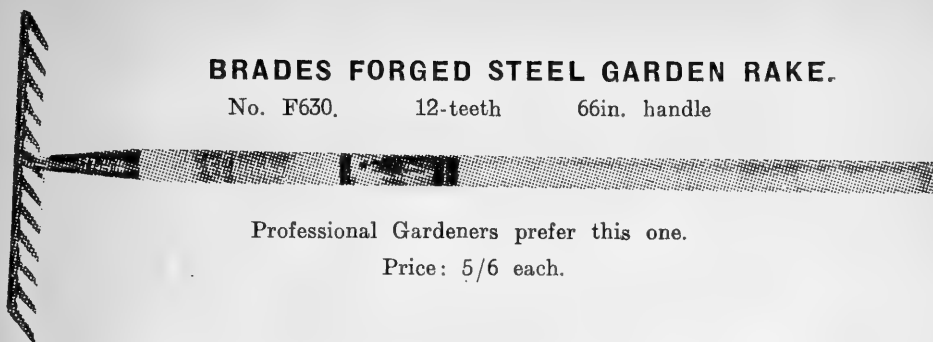
Spare handles 1/3 each.

BRADES FORGED STEEL GARDEN RAKE.

No. F630.

12-teeth

66in. handle



Professional Gardeners prefer this one.

Price: 5/6 each.

THE AMERICAN "LAWNCOMB."

For raking leaves and light rubbish from lawns and garden paths.

No. F18 - - - 18 inches wide

52 inch handle

Price 5/6



WIRE BROOM (Patent).



The very thing for sweeping leaves off the lawn and garden paths. Everlasting wear, made of the best spring steel wire. Especially useful for yards, stables, etc. For all purposes where hard or rough work is required.

Price: No. B1, 2/9 each. No. B2 larger size, 3/9.



THE "HANDY" LADIES' FORK.

No. F54. 4-prong 5½in. x 9in. 4/- each.



SKELTON'S CAPE FORKS, No. D4024.

Best Cast Steel.

Size 2. 4-prong 8in. x 13in. 5/9 each.



SKELTON'S CAPE FORKS, No. D4025.

Best Cast Steel.

Size 3. 5-prong 9in. x 13½in. 7/- each.



THE "HANDY" SPADE

Best Cast Steel.

Size 3, 8¼in. x 12½in.

Turnover Treads.

Price 3/6 each.

THE "HANDY" LADIES' SPADE

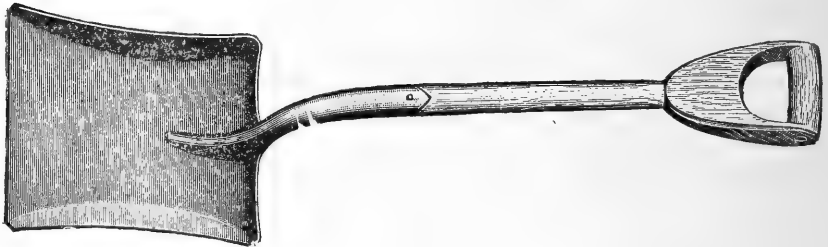
Same quality.

Lighter Pattern.

F.

Size 0, 6¾in. x 11in.

Price 3/- each.



THE "HANDY" SHOVEL

Stamped steel, light and strong.

Open socket, square mouth, size 3, 10½in. x 13in.

Price 3/6 each.

F.



SKELTON'S PLUG STRAPPED SPADE, No. E2727.

Treaded and fitted with a straight shaft,

D handle, 8in. x 12½in. Price 6/9 each.



SKELTON'S VINEYARD SPADE, No. E2879.

T handle, 9in. x 13in. Price 5/9 each.

WEEDING FORK.

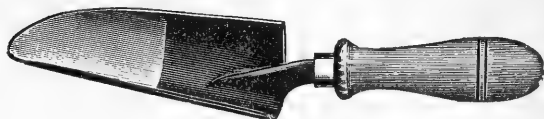


FF25. Solid Steel, Self Colour and Red, 1/6 each, postage 6d.

GARDEN TROWELS.



FF6—6in. 1/- each. Postage 4d.



FF8—6in. 1/2 each. Postage 4d.



FF088—6in. 1/2 each. Postage 4d.

FF087—6in. (Plain finish) 1/- ea. Postage 4d.



WEEDING FORK.

FF27. Solid Steel, Self Colour and Red, 1/9 each, postage 6d.

BATES WIRE BAG TIES.

These bag ties are a wonderful labour and time-saving device. With the aid of the **Spring Return Tying Tool** a sack is securely tied with one pull of the implement. F.

3-inch, 19-gauge.—For small bags	... 10/6 per 1000
5-inch, 18-gauge.—For orange bags, sugar pockets, etc.	10/6 per 1000
5-inch, 18-gauge, with 2½-in. projection for address label	12/6 per 1000
6-inch, 18-gauge.—For larger bags	... 12/6 per 1000
9-inch, 16-gauge.—For grain sacks	... 25/- per 1000

Tying Tools 35/- each. D.

TWINE.

Seaming Twine.—Italian Hemp for sewing up bags, 3-ply and 5-ply. Per lb 2/-; 12 lbs 21/-.

Shop Twine.—Italian Hemp, thin, in 1-lb reels, 2/6 per lb; 6 lbs for 13/6.

Shop Twine.—Italian hemp, thicker, in 1-lb reels, 2/3 per lb; 6lbs for 12/-.

Tarred Twine.—For gardeners, in 1-lb. reels, 1/9 per lb; 6 lbs for 9/-.

Grey Cotton Yarn.—Super American, on cones; for machine sewing of hessian and cotton bags. Per cone 3/6. F.

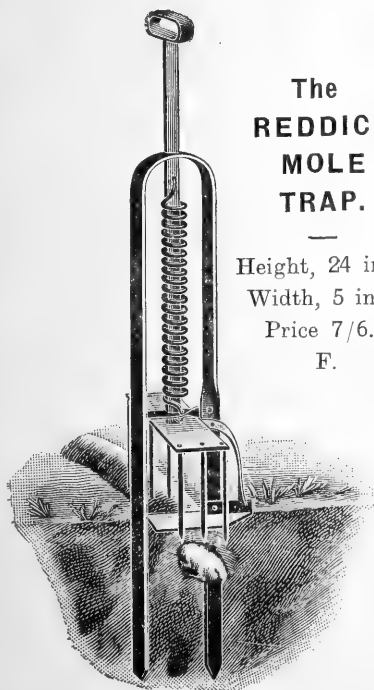
The REDDICK MOLE TRAP.

Height, 24 in.

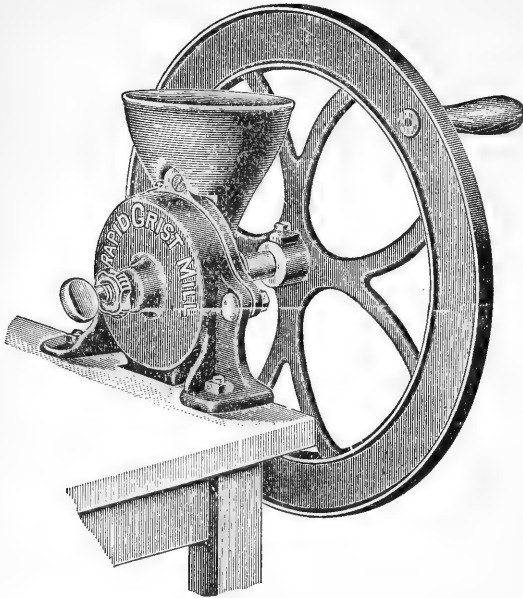
Width, 5 in.

Price 7/6.

F.



THE "RAPID" GRIST MILL.



For grinding wheat, rye, mealies, and for making table meal, the "Rapid" Grist Mill can not be excelled. Made of best quality iron, except shaft, which is steel, and burrs, which are steel-alloy. The burrs are 4 inches in diameter and will outlast three sets of ordinary cast-iron burrs. They are cheaply and easily renewed. Adjustable to coarse, medium or fine grades.

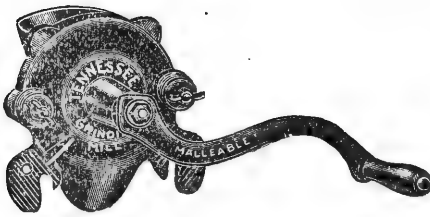
Height of mill 10 inches; diam. of hopper 5 inches.

No. F10 with heavy 16-inch fly wheel, ensuring easy and steady running.

Price: 30/-.

Extra Ring Burrs 5/- pair.

"TENNESSEE" GRINDING MILL.



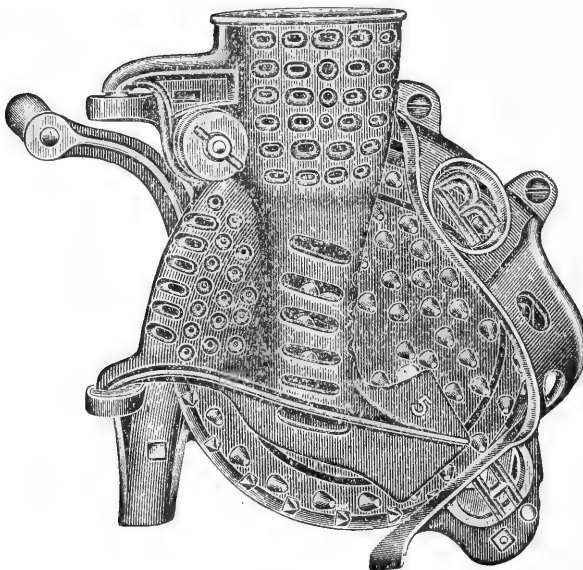
The "Tennessee" is a small but exceedingly useful Grinder. It can be adjusted so as to produce either coarse or fine meal, and can be readily fixed in almost any position by means of clamps.

Weight, 12 lbs.

Price 17/6.

Spare Grinding Plates, 5/- pair.

THE "R. & H." CORN SHELLER.



Made largely of MALLE-ABLE IRON, with chilled bearings. Shells all size ears thoroughly and rapidly. Attaches to any box or barrel instantly by two strong clamps. Deposits corn in the box or barrel on which it is mounted, and cob outside. All teeth on disc wheel are perfect. Disc Wheel, 8½-inch. Fastest, most durable and easiest running sheller made. All parts fully warranted against breakage or defect. Finished in baked japan, red and gold. Will last a lifetime.

No. F31 With Butting and Tipping Attachment.

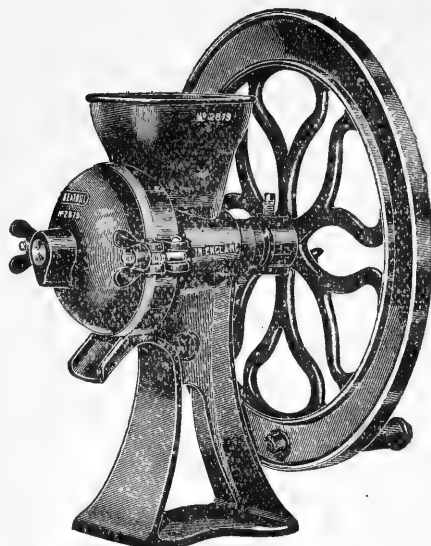
Price: 16/6.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

**THE "BEATRICE" BONE-GRINDING MILL.
No. F2879.**

Nett Weight
Complete,
as illustrated
55 lbs.

Diameter
of
Hand Wheel,
18½ inches.



Inside
Measurements
of Hopper:
Diameter, 6 in.
Depth, 5½ in.

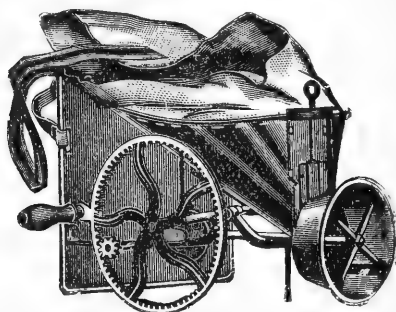
Fitted with
Extra Hard
Metal Cutters.

AN IDEAL MACHINE FOR THE POULTRY FARMER.
This Mill will granulate Small Dry Bones, Broken Oyster
Shells, Grit, Old Crockery, Glass, Charcoal, Corn,
and all sorts of Grain.

Price: 60/- . Less 5 per cent. for Cash with Order.



THE CYCLONE SEEDER.
For Cereals and small seeds
15/- each
D.



CAHOON BROADCAST SEEDER.
For Sowing Cereals, Lucerne,
Rape and similar seeds
30/- each. D.



No. F2388.

IMPROVED SEED SOWER.

Made of brass tube with revolving cap, which
enables the size of the hole at the top to be
regulated exactly as required, according to the
size of the seed or whether thick or thin
sowing is required.

Price 2/- each, posted.

The "MYSTO GEM"

ALL PURPOSE SPRAYING OUTFIT



SPRAYING FRUIT TREES



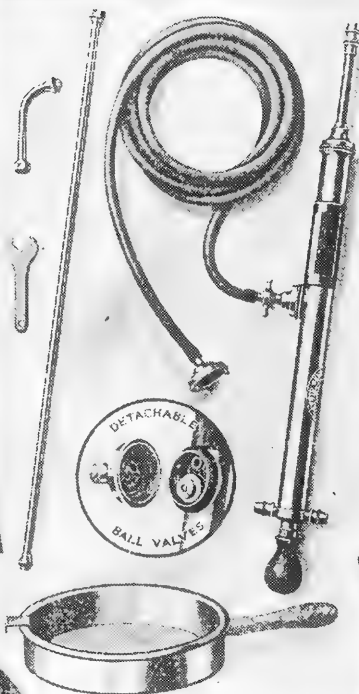
SPRAYING EGGS TO
SOFTEN MEMBRANE



SPRAYING STOCK AGAINST
FOOT & MOUTH DISEASE



SPRAYING CREOSOTE ON PENS

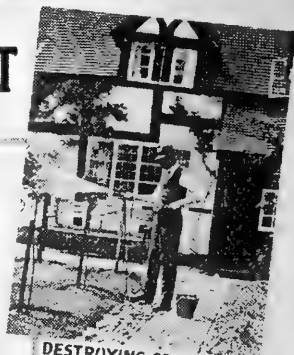


OUTFIT COMPRISES.—All Brass double action spray pump, polished and lacquered. Ten foot of Hose and Strainer connected to pump by cap and lining. One Limewashing and one Spraying Nozzle, also Plain Jet. Two foot polished and lacquered brass Lance. Swivel Connection Angle Bend. All Metal Strainer and Spanner.

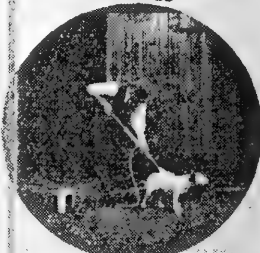
35/- complete as illustrated.

DIRECTIONS FOR USE.—All liquids should be put through strainer before being used. Work plunger rod until spraying commences, and then continue pumping slowly. About a dozen strokes are necessary to draw the air out of the hose into the air chamber before a continuous spray is obtainable.

There are only two valves in the sprayer, both easily detachable for cleaning.



DESTROYING GREEN FLY
ON ROSE TREES



DISINFECTING DOGS AND
OTHER ANIMALS



LIMEWASHING FARM BUILDINGS



DISINFECTING FOSTER MOTHERS

Spares: Extension lances 3/6; Nozzles 3/6 each, 9/- per set of 3; Plain Nozzle 2/-; Sieves 8/- each.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

“LADYWOOD” SPRAY PUMP.



No. D38.

This double-action Pump gives continuous spray and will throw a solid stream of water thirty to forty feet.

It is the ideal all-purpose Hand Sprayer, its field of utility being practically unlimited. Most useful for spraying trees, vines, potatoes, and any ground crops; also for whitewashing and disinfecting purposes.

The Pump is made of brass with solid brass ball valves, complete with $3\frac{1}{2}$ feet of suction hose and heavy iron strainer that keeps the hose from working out of bucket or container. Three nozzles supplied with which the operator is able to get any variety of spray necessary.

Price with 15 inch extension lance—27/6.

SPARE PARTS STOCKED.

Ball for valve	...	...	6d	Plate with 3 holes for disc nozzle	...	2/6
Cup leather for plunger	...	...	6d	Rubber delivery tubes	...	7/6
Extension lance with curved tip	...	...	3/-	Rubber ring for large nozzle	...	3d
Inner plate for large nozzle	...	...	6d	Sieve for foot valve	...	3d
Inner tube	...	...	4/9	Sieve for large nozzle	...	3d
Nozzles, per set of 3	...	...	4/6	Suction hose, per foot	...	1/3

THE “FOUR OAKS” KNAPSACK SPRAYER No. D101 and D102.

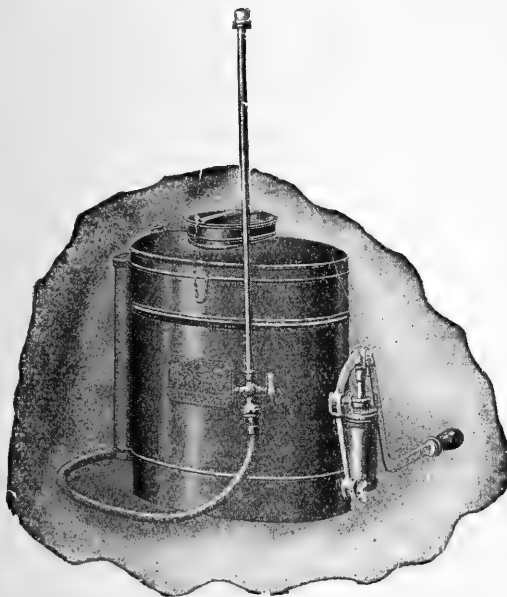
Weight 14 lbs.

Capacity about $3\frac{1}{4}$ gallons.

The **Simplest** and yet the **Best Knapsack Sprayer** ever produced.

A Child can work it.

The only Machine with Force behind the Spray.



The Container is made entirely of Copper, and the Pump of Brass.

Unlike other Machines, there are absolutely no parts to get out of order, and consequently the “Four Oaks” Knapsack will last 10 times as long as any other.

There are no Rubber Valves in the “Four Oaks” to perish, and all working parts are outside and easy to get at.

Either a very fine, medium, or coarse spray can be obtained, and thick fluids such as Bordeaux Mixture are effectively discharged.

A most important feature of this Machine is **the agitating or mixing of the fluids**. With every stroke of the Pump, a powerful jet is forced from the bottom of the Container, so that all mixtures are **evenly distributed**.

Price, complete with Single “Four Oaks” Patent Spraying Nozzle, also Single Swivel Spraying Nozzle and Short Brass Tube, with Stopcock, together with 3 feet length of India Rubber tube, as illustrated

Price: D101 £6.

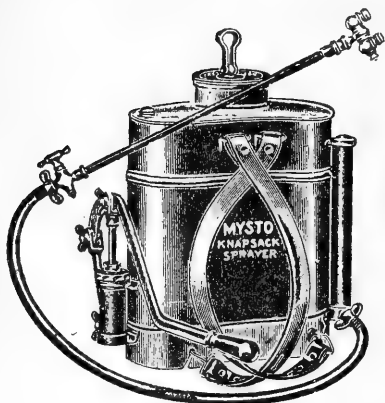
Pattern D102 is similar to D101 in construction but specially made to withstand action of Liver of Sulphur and Lime-Sulphur. **Price: £6 10s.**

Spare Parts Stocked.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

SPARE PARTS for "FOUR OAKS" KNAPSACK SPRAYERS.

Brass Spraying Arm and Tap	12/- each	Shoulder Straps	... 7/6 pair
3 ft. Rubber Tube with Unions	6/6 each	Pump Lever Handle	... 5/6 each
Strainer	... 6/- each	Oil-dressed Pump Leathers	... 4/- pair
Spanner	... 2/6 each	Rubber Band for Lid	... 3/- each
Pump Plunger with		Wing Nut	... 9d each
Piston Rod and Fittings	10/- each	Lid for Container	... 11/6 each
Brass Cap for Cup Leather	... 1/- each	Top Cap and Stuffing Box	... 5/- each
Leather Washers	... 1/- per set	Rubber Delivery Hose	... 1/- per foot
Double Swivel Nozzles	... 15/- each	Spraying Tip for Nozzle	
Blank Cap for Nozzle	... 1/- each	(fine, medium and coarse)	1/- each



"MYSTO" KNAPSACK SPRAYER With External Pump.

No. E5, Tinned Copper.

For using corrosive liquids such as Liver of Sulphur or Lime and Sulphur.

The container or tank is made of tinned copper, and the pump, valve box, air chamber, and fittings are all of brass.

Each Knapsack Sprayer is complete with brass strainer, steel spanner and special double swivel nozzle for potato spraying, etc.

39in. of best quality Spraying Hose with cap and lining on each end, into which is screwed lance complete with tap, is supplied with each Sprayer.

Price: £4 4s. 0d.

Less 5 per cent. for Cash with Order.

ALPHA HYDRO-PNEUMATIC SPRAYERS.

Winners of 18 Gold and Silver Medals in Two Years.



Alpha No. D3 Sprayer.

The Alpha No. D3 Hand Sprayer is an ideal garden and greenhouse machine. The air is compressed in the sprayer by means of an ordinary cycle foot pump and this method should appeal to all because of its simplicity and the consequent lack of intricate parts. The reversible spraying arm allows the spray to be directed up or down as required. The spray itself is extremely fine and issues from the machine with considerable force.

Complete with foot pump and strainer funnel.

Special Price 15/-.

SPRAY YOUR TREES AND SAVE YOUR FRUIT.

THE MULTIPLE BOTTLE SPRAYER.

(Fits an ordinary bottle).

Essential in Every Home

The Multiple Bottle Sprayer provides the means of establishing a splendid system of sanitation throughout the house.

The construction of the Sprayer is of our usual standard, the very best only of materials and labour being employed. It is of heavy nickel-plated finish, and the working of the Sprayer is undoubtedly a considerable improvement on the original German type, since the pump is double acting, the spray being continuous on both upward and downward strokes.

Among its many uses can be numbered:

Disinfecting in Houses or Dance Rooms, etc.

Perfume Spraying.

Insecticide Spraying.

Floral Watering, etc., etc.

Price 3/6 each. Postage 4d.

D.



No. D33.



"CRESCENT" SPRAY PUMP.

We have no hesitation in saying that the **Improved "Crescent" Pump** is the best on the market for destroying Locusts and for spraying Vines, Fruit Trees, etc.

Every Pump Tested and Guaranteed.

Pumps are double-acting giving continuous spray, are made of brass with solid brass ball valves, suction or strainer is detachable, and hose is connected on to pump with cap and lining, the latter being held in hose by hose clip.

Price 25/- each.

Spare Bordeaux Nozzles 5/6 each

Spare Tubes—1/- per foot.

The "IRON ARM" No. D1. BUCKET SPRAYER

Makes Spraying Easy.

Fitted with Patent

"SPRAYS EVERYWAY"

NOZZLE.

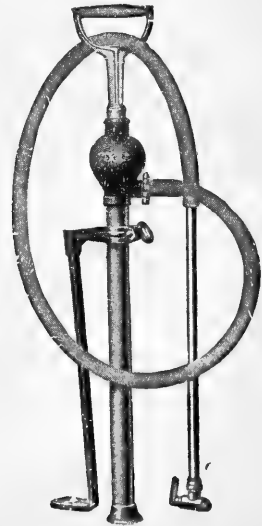
Price 30/- complete.

Spare Tubes and fittings, 10/6 each.

Tubes without fittings, 4/- each.

Bordeaux Nozzles, 5/6 each.

Wick for packing plunger, 6d. per oz.





THE "TORPILLE" DOUBLE ACTION KNAPSACK POWDER SPRAYER.

Powder Capacity 22lb.

Weight 15lb.

This machine, which is exceedingly easy to work and more easy to control than the fan type, gives a continuous distribution of powder, as it has double acting bellows.

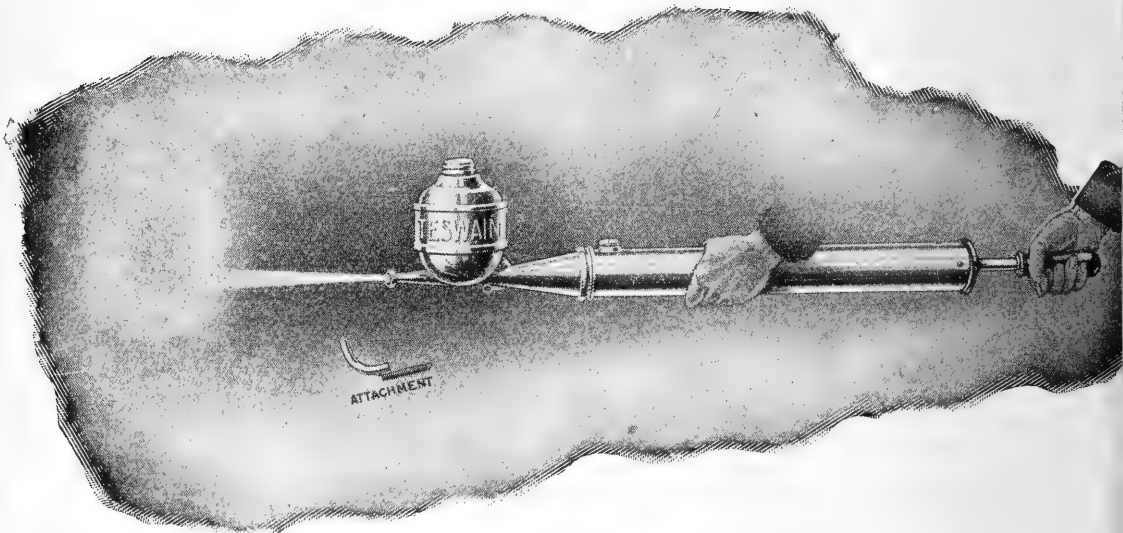
Each Sprayer is supplied with two 17½ inch lances; extra lances 17½in. long which can be attached to those supplied with the machines, 1/6 each.

A Special Double Outlet Lance for spraying two rows of potatoes or other ground crops is made; Price 8/6 each.

Price: £3 7s. 6d.

E.

THE "TESWAIN" HAND POWDER BLOWER.



For **Dry Spraying** with Sulphur, Soot, Lime, Tobacco Powder, Bordeaux Powder, etc. Also for distributing Powder Disinfectants, etc.

Made in Japanned Tinplate. Capacity, 1 lb of Powder. A funnel for filling is supplied with each blower. Spare Valves 1/6 each.

Price, with attachment for directing spray upward, 10/6 each.

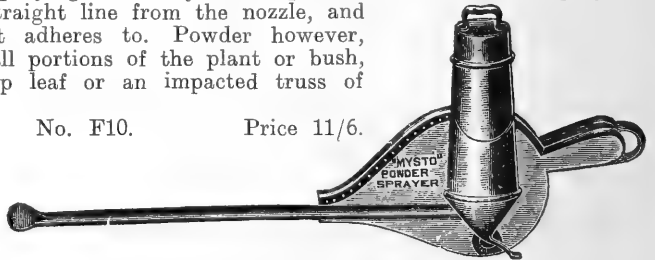
"MYSTO" HAND BELLOWS SPRAYERS.

For Greenhouse Work, Rose Gardens and Ground Crops.

The system of Dry-Spraying is vastly more penetrative than wet spraying. A wet spray travels in a straight line from the nozzle, and on whatever it impinges it adheres to. Powder however, being air-borne, penetrates all portions of the plant or bush, and enters even a curled-up leaf or an impacted truss of blossoms.

No. F10.

Price 11/6.



POWDER BLOWERS for INSECTICIDES.

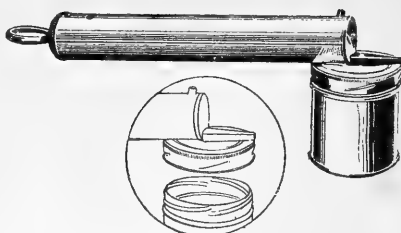
No. F250a. "Midget," 7½in. x 2½in., 1/6 each, postage 4d.

No. F251. Stronger type, brass spout, 10in. x 4in., 3/- each, postage 6d.

THE "WALDRON" POWDER BLOWER.

This is the neatest and handiest little spraying implement we have ever seen. It is complete with container and powder insecticide, and when empty you just screw off the container and replace with a "refill" which you buy ready to screw in position. Just the simplest process imaginable—always ready for use.

Price: 4/6. Refills 1/3.



CONTINUOUS SPRAY ATOMISER No. F19.



Capacity, $1\frac{1}{2}$ pints.

Supplied with two Spray Nozzles, one for straight spraying and the other for angle spraying to get under leaves, etc.

Plain Tin Plate, 7/6 each.

MULTIPLE GARDEN SYRINGES.



A.A. Type.

The above illustration shows Type A.A. It is supplied with Patent Multiple Nozzle, one rose, jet and drip protector.

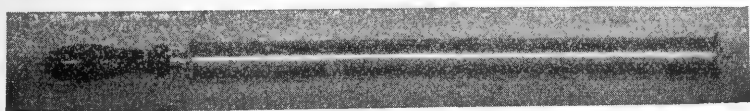
A.A. 181 $\frac{1}{4}$...	18 in. x $1\frac{1}{4}$ in.	10/6 each	F.
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A.B. Type.

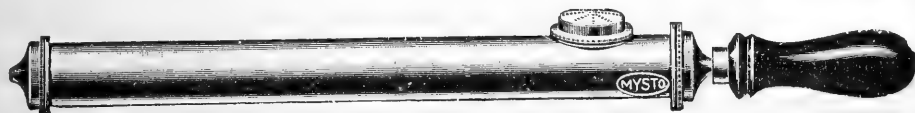
The Multiple A.B. is supplied with Patent Multiple Nozzle, one rose and one jet, as illustrated.

A.B. 181 $\frac{1}{4}$...	18 $\frac{1}{4}$ in. x $1\frac{1}{4}$ in.	10/6 each	F.
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Type X. No. F181 $\frac{1}{4}$. 18in. long, $1\frac{1}{4}$ in. diam. Price 6/6 each.

BRASS GARDEN SYRINGE.



No. F98/2.	$1\frac{1}{2}$ in. x 16in.	Fine and Coarse Rose and Jet.
	Price 7/- each.	Postage 1/-.

GARDEN CITY SPRINKLER.

The Garden City Sprinkler in two heights, 13 inches as illustrated, also 26 inches is now being furnished to meet the demands for a taller sled-mounted sprinkler.

$\frac{3}{4}$ inch connection.

No. F52.

Price: 13 in. 7/6 each.

26 in. 9/- each.

With English Hose Fitting 2/6 extra.



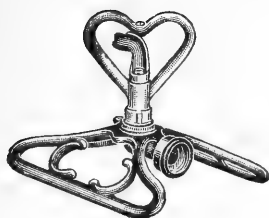
"BUSY" SPRINKLER.

One of the best distributors of water on the market. We have learned from experience that any sprinkler that revolves, works more satisfactorily when mounted on a low base rather than when elevated.

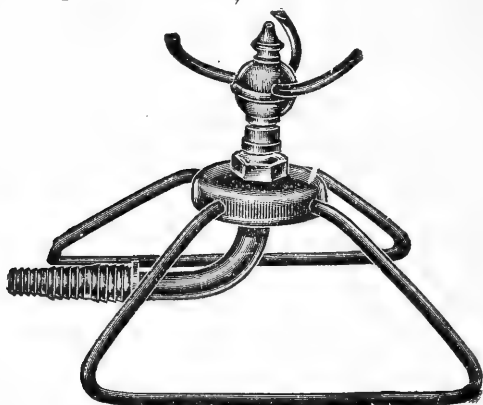
Under 30lbs pressure at the hydrant, a "Busy" Sprinkler will cover a circle 44 feet in diameter, distributing the water uniformly and equally.

No. F51. $\frac{3}{4}$ -inch fitting. Price 7/6.

English Hose Fitting 2/6 extra.



"SLED" REVOLVING LAWN SPRINKLER, No. F591.



Nickel-plated Brass Head on iron sled base, which can be dragged across the lawn without damaging the turf.

Brass connection tapered to take $\frac{1}{2}$ in., $\frac{5}{8}$ in., and $\frac{3}{4}$ in. Hose.

Will throw a spray 20 to 30 feet in diameter, well saturating the ground.

11/6 each. Postage 1/6.

"DEW" REVOLVING LAWN SPRINKLER, No. F589.

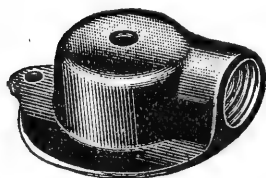


This well-known pattern needs no recommendation.

Nickel Plated Brass with Iron Spike, connection tapered for $\frac{1}{2}$ in., $\frac{5}{8}$ in. and $\frac{3}{4}$ in. Hose

6/- each. Postage 1/-.

THE "C.B.G." SPRINKLER.



Built on the well-known principle of the tangential spray. The C.B.G. (cheap but good) is deservedly very popular on account of the low price. Diam. 4in., $1\frac{1}{2}$ in. high, $\frac{3}{4}$ in. connection. It is interchangeable with the "Mysto" Spray Nozzle. Price: 2/9 each. D.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

**"MYSTO" LAWN
SPRINKLER
No. F592.**

This is No. 602 Hose Nozzle giving a variation of Spray.

Mounted on Brass Body and Iron Spike, with connection tapered for $\frac{1}{2}$ -in., $\frac{3}{8}$ -in. or $\frac{1}{4}$ -in. Hose.

6/3 each.

Postage 1/-.



**"MYSTO" SPRAY NOZZLE.
No. F602.**



With connection for $\frac{1}{2}$ or $\frac{3}{4}$ inch Hose.
(When ordering please state size required.)

The "Mysto" Hose Nozzle can be adjusted to give a fine, medium or coarse spray, and when not in use can be completely shut off. When the straight stream is turned on a full volume of water is obtained.

Price 3/6 each.

Postage 6d.

"JUSTRITE" SPRAY NOZZLE.

Complete with Rubber Washer.

Heavy Cast Brass

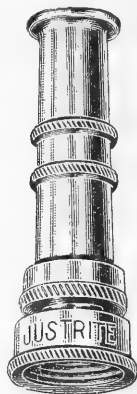
In the Justrite Nozzle the spray is formed by a brass point coming down into the stem. It is made of solid brass, heavy and graceful in appearance.

The Justrite gives a fine or coarse spray, solid stream and complete shut off.

No. F85. $\frac{3}{4}$ -inch, 3/6 each.
Fitting 2/6 extra.

Postage 6d.

With English Hose



THE BLAKE SPRINKLER HEAD.

This type of Sprinkler Head embodies one of the simplest and most efficient principles of water distribution. After leaving the orifice, the jet of water impinges on the spoon, causing it to revolve. There is, therefore, a full and free distribution of water and no pressure on the hose.

The Blake delivers water freely and uniformly. At an elevation of 4 feet, with 20 lbs. pressure, 50 feet from the head, a Blake head will distribute approximately $2\frac{1}{2}$ gallons of water per minute. This feature makes the Blake very satisfactory for irrigation use.

Blake Sprinklers are made of iron, galvanized by the Meaker Process, making them practically rust-proof. No. F64.

Price 5/- . Postage 6d. Threaded for 1-inch pipe.

BORDEAUX NOZZLES.

These can be fitted to any Sprayer having a flexible delivery hose.

Price 5/6 each. Postage 4d. Screwed for $\frac{1}{2}$ -inch thread.

F.



ELECTRIC Garden Hose

*Wears longer
because it cannot kink*

$\frac{3}{4}$ -inch "Electric" Hose,
1/2 per foot.

$\frac{1}{2}$ -inch "Electric" Hose,
11½d. per foot.

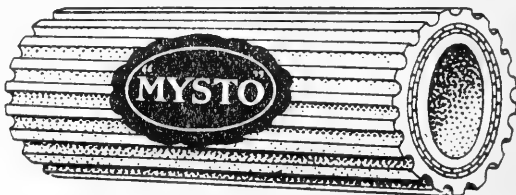
BUY ELECTRIC GARDEN HOSE

IT IS THE HIGHEST GRADE
MADE AND THOUGH IT COSTS
MORE IT IS CHEAPER BE-
CAUSE IT LASTS LONGER.



D.

UNKINKABLE "MYSTO" HEAVY BLACK RIBBED HOSE.



Price: $\frac{3}{4}$ -inch, 8½d. per foot; $\frac{1}{2}$ -inch, 7½d. per foot.
60-ft. lengths a half-penny cheaper in each case.

E.

D.

SHOWER BATH SPRAYER.

For General Use in the Home, Hotels, Shops, Sports Clubs,
Factories, Public Baths, etc.

A real drenching spray, most pleasing in effect.

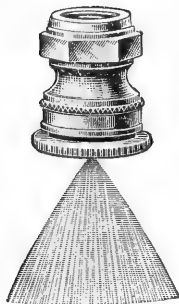
Twenty times as economical in water consumption as the
ordinary Shower Rose.

Always in working order, and being substantially made will
last a life-time.

Variation of spray obtainable according to water pressure,
regulated by the supply tap.

Nickel-Plated Brass. Threaded for $\frac{3}{4}$ -inch iron pipe.

No. F2321. Price 6/6 each. Postage 6d.



ENGLISH HOSE FITTING.



No. F3538.

Will fit $\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ -in. hose. Made with $\frac{3}{4}$ -in. hose pipe thread. Price 2/6 each. Postage 4d.

BRASS TAP UNIONS.

For attaching Garden Hose to High Pressure Taps (Caps and Linings).
To fit $\frac{1}{2}$ -inch taps 1/- each. To fit $\frac{3}{4}$ -inch taps 1/6 each. To fit $\frac{3}{4}$ -inch taps reduced
to $\frac{1}{2}$ -inch, 1/6 each. Postage 4d.

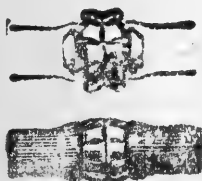
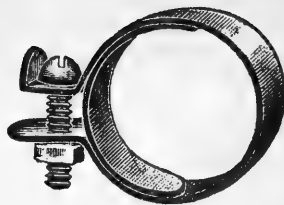
F.

FLEXIBLE BRASS HOSE CLIP. No. F613.

For securing Fittings in Hoses.

$\frac{1}{2}$ -inch, 3d. each; $\frac{3}{4}$ -inch, 4d. each. Large $\frac{3}{4}$ -inch, 4d. each.

Postage 2d.



HERCULES

HOSE REPAIRERS.

Price: For $\frac{1}{2}$ -inch Hose, 8d. each.

For $\frac{3}{4}$ -inch Hose, 9d. each.

Postage 2d.

F



"GRIPPEX."

A Rigid Non-Leak Hose Connection.

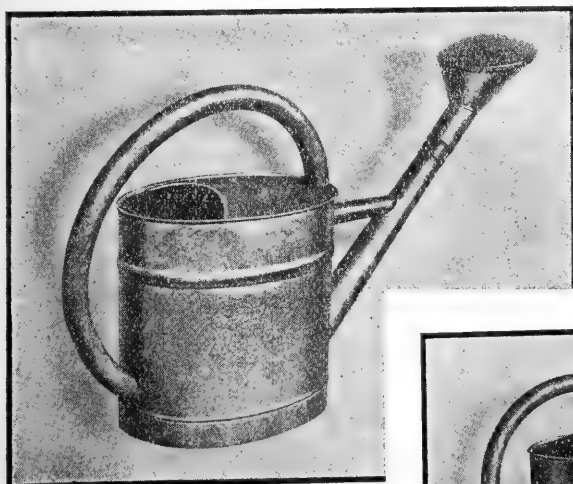
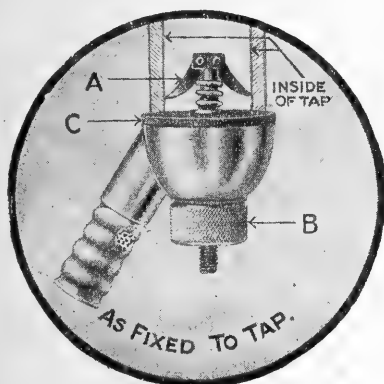
The metal claws "A" bite into the insides of the tap, and as the nut "B" is screwed a wedging action takes place, so that the harder the hose is pulled the tighter it grips the tap.

The screwing up of nut "B" forces the rubber washer "C" on to the mouth of the tap with such an enormous pressure that a leak is impossible.

It can be removed in a few seconds by unscrewing nut.

For varied uses, garage, garden, sink or bathroom, it is invaluable, as whether the taps are round or oval, small or large (up to $\frac{3}{4}$ -inch bore), it fits them all.

Price: $\frac{1}{2}$ -inch, 3/6; $\frac{3}{4}$ -inch, 4/-. Postage 4d. F.



2 gallons.

Galvanised.

Price 20/-

E.

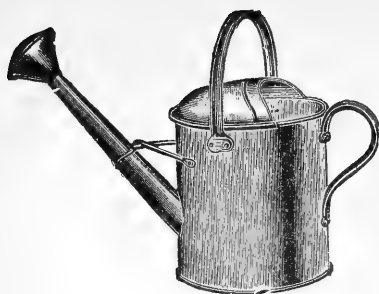
The "DRESDENSIA" WATER CAN.



1 gallon.

Galvanised.

Price 14/6.



GALVANIZED WATER CANS No. E1.

Light quality, with copper face rose.

1½ gallons	...	...	...	5/6 each.
2 gallons	...	...	...	6/3 each.
2½ gallons	...	...	...	7/- each.

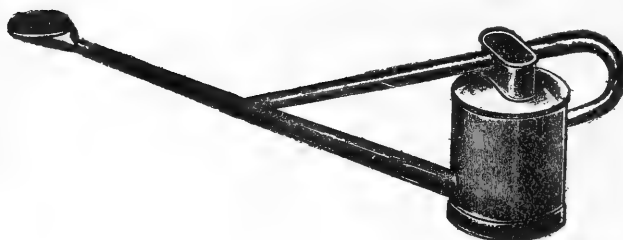
Spare Roses, 2/- each.

No. E3.

Best quality with patent all copper rose.

1½ gallons 8/- ; 2 gallons 9/- ; 2½ gallons 10/-.

Spare Roses, 2/6 each.



Improved GARDENER'S WATER CAN.

Correct pattern for Seed Beds
and General Use.

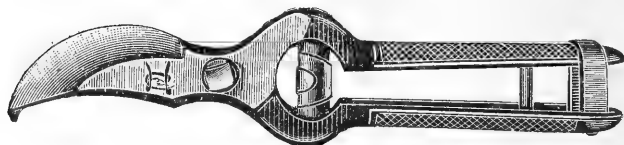
1 gallon	...	...	...	16/6 each.
2 gallons	...	...	...	18/6 each.

D.

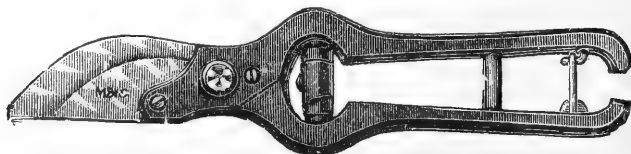
Supplied with two roses—different patterns.

Extra roses 4/6 each.

SECATEURS.



F400. 9-inch long. Splendid Value. Price 3/3. Postage 6d. Spare Springs, 6d. each.



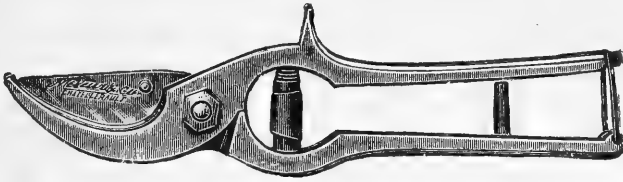
F378. 9-inch long. Black, heavy B Spring. Price 4/-. Postage 1/-
Spare Blades, 2/-. Springs 6d. each.



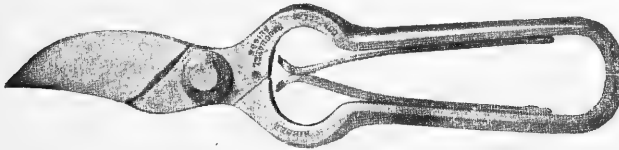
No. F119. "Snap-Cut" Pruner. Chromium Plated.
Price 7/6. Postage 6d.

SECATEURS.

Our No. F325 is a high grade implement which will not disappoint you. It fits the hand comfortably and does not tire. It cuts easily any green branch that it can take. The blades are replaceable. Try one of these and you will never want a better!



F325. 9in. long. Bright, superior quality. 10/6 each. Postage 1/-.
F325. 8in. long. 9/6 each. Postage 6d.
Spare Blades 2/6. Spare Springs 6d.



Genuine Rieser's Make.

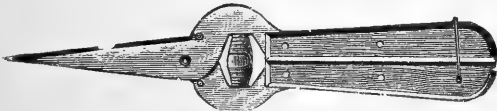
8½in. long. Bright, narrow pointed blade specially suitable for pruning Vines.

Price 13/6 each. Postage 1/-.

Spare Blades 4/6 each. Springs 2/6 pair. Bolts and nuts, 2/-
Hooks with screws 6d. Clips 6d.

D.

GRAPE AND FLOWER SECATEURS.



No. F222a.

1/- each, postage 4d.

10/6 per doz., postage 1/-

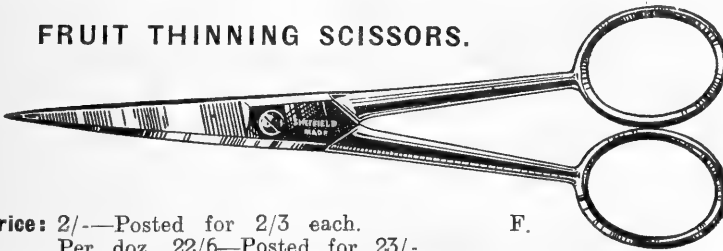


No. F211.

2/6 each, postage 4d.

24/- per doz., postage 2/6

FRUIT THINNING SCISSORS.



Price: 2/-—Posted for 2/3 each.
Per doz. 22/6—Posted for 23/-

F.



BUDDING KNIVES.

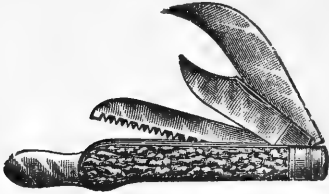
No. F30A. Price 4/9, posted for 5/-.

No. F31A.

For Roses—same price.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

**THE "UNIQUE" PRUNING AND
BUDDING KNIFE, F261.**



Price 4/9. Postage 6d.

BUDDING KNIFE.



English make. Finest quality blade.
F5078. Price 5/9 each. Postage 3d.

F6122.

BUDDING KNIFE.

Ivory Handle.
Price 5/9. Postage 3d.

F8890.

GRAFTING & PRUNING KNIFE.

Stag Horn Handle.
Price 7/6. Postage 6d.

F2408.

PRUNING KNIFE.

Pressed Horn Handle.
Price 5/3. Postage 6d.

THE IXL PRUNING KNIFE.



No. FB178. Price 4/6. Postage 3d.

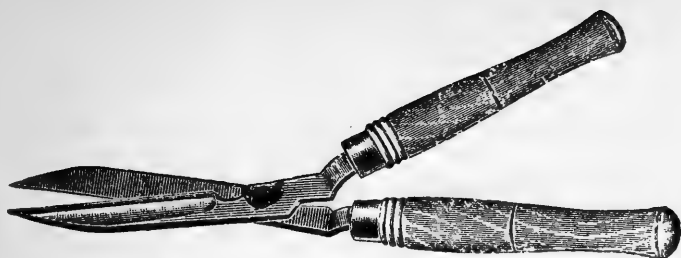
CURVED PRUNING SAW.



No. F0286. Price: 12-inch, 2/9. Postage 6d.
24-inch, 4/- (too long for post).

F96. 13½-inch blade, 4/6. Postage 6d.

**PRUNING IS ESSENTIAL TO MAINTAIN YOUR FRUIT TREES
IN A HEALTHY AND PRODUCTIVE CONDITION.**



GARDEN SHEARS

No. E215½.

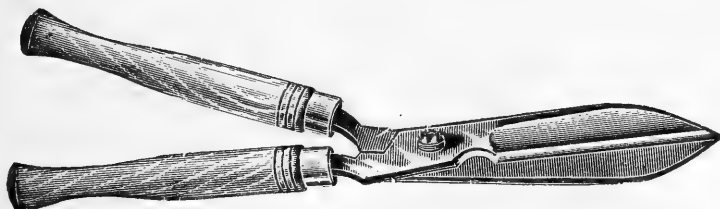
8in. Heavy pattern.

With wing nut.

Tanged and notched.

Price 5/- Postage 2/-.

SOLID STEEL GARDEN SHEARS.



No. E169. With pruning notch. 10-inch blade. Price 9/6. Postage 2/-.

FLORIST'S WIRE.

Blue Annealed, 20 S.W.G., 7-inch, 9-inch, 12-inch, in 7 lb. parcels.

Price: Per lb. 9d.; 7 lbs. 4/6; per case, 112 lbs. 65/-

Blue Annealed Wire for Bouquet Work, 22 S.W.G., 14-inch, in 7 lb. parcels.

Price lb. 1/-; 7 lbs. 5/3; per case, 112 lbs., 75/-

Blue Annealed Thin Wire for Posies, 26 S.W.G., 12-inch, in 7 lb. parcels.

Price: Per lb. 1/3; 7 lbs. 7/6; per case, 112 lbs., 112/-

Wiped Galvanized Annealed Bottling Wire for Bouquet work,
14 in., 22 S.W.G., in 7 lb parcels.

Price: Per lb. 1/-; 7 lbs. 6/-; 112 lbs. 87/6

F.

CHAPLET WREATHS

In Dome Glass Cases.

Best Quality only.

All Porcelain Flowers.

8in. ... 20/- each.

10in. ... 27/6 each.

12in. ... 42/- each.

14in. ... 60/- each.

16in. ... 90/- each.

Packing extra.

F.



WIRE

PROTECTION COVERS

To fit over Dome Glass Cases.

For 8in. ... 6/- each.

For 10in. ... 7/- each.

For 12in. ... 8/6 each.

For 14in. ... 10/- each.

For 16in. ... 12/6 each.

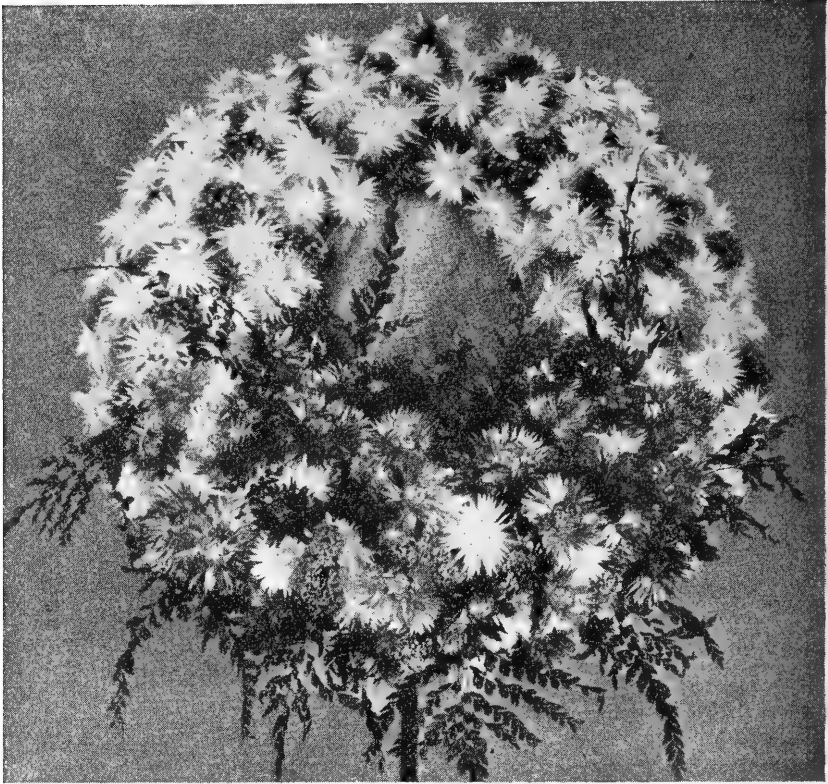
B.

OPAL TABLETS.

Plain 1/3 each; Printed 2/6 each; Specially Printed 3/6 each.

F.

ARTIFICIAL FLOWER WREATHS.



Design No. 10.

Our Floral Department (Charles Ayres) can provide **Artistic Wreaths** and other floral tributes made entirely of artificial flowers and preserved fern and flowers. These are made in twelve different designs, of which No. 10 is illustrated above. We give below a short description of each design.

- No. 1—White everlastings interspersed with preserved fern and just one cluster of pink everlastings.
- No. 2—White everlastings with preserved fern, purple everlastings interspersed through part of the wreath.
- No. 3—Artificial moss, white everlastings and silver leaves covering half the wreath; silver leaves lightly interspersed in the dark portion.
- No. 4—White everlastings and preserved fern with clusters of blue and purple everlastings in opposite sides.
- No. 5—White everlastings interspersed with red everlastings.
- No. 6—White everlastings interspersed with preserved fern.
- No. 7—White everlastings with preserved fern and mauve statice.
- No. 8—White everlastings and preserved fern with mauve statice in one side.
- No. 9—White everlastings and preserved fern with red everlastings in one side and a cluster of silver leaves opposite.
- No. 10—White everlastings with mauve statice; pink and blue everlastings, fern and statice in one large group.
- No. 11—Magnolia leaves with orange everlastings, very effective.
- No. 12—Oval-shaped cycad wreath with cluster of white or purple everlastings, fern and magnolia leaves at base and ribbon at top.

Prices: No's. 1 to 10 are priced alike, according to size:

Size of frame: 10in. 12in. 14in. 16in. 18in. 20in.

Price each: 7/6 10/6 12/6 15/- 21/- 25/-

Posted for: 10/- 13/- 15/6 18/- 24/- Too large for post

No. 11 is supplied at: 21/-, 25/-, 30/-, 42/-. (Too large for post).

No. 12 is supplied at: 21/-, 25/-, 30/-, 42/-. (Too large for post).

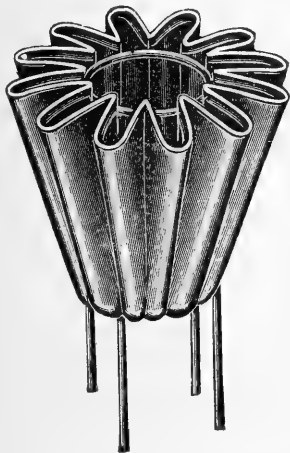
THE "RESERVOIR" 4 SPRAY VASE.

Extra capacity for water in base as well as tubes.
With Folding Legs. Rivetted Stays.



No. F750.

Central Tube 9 in. deep, $2\frac{5}{8}$ in. diameter
Outside Tubes 7 in. deep, $2\frac{1}{4}$ in. diameter
Price: 4/6 each.



THE "HENLEY" STAR VASE.

No. F1010.

Japanned Green.

Made from one piece of material.
Impossible to leak.
Price: 1/9 each.

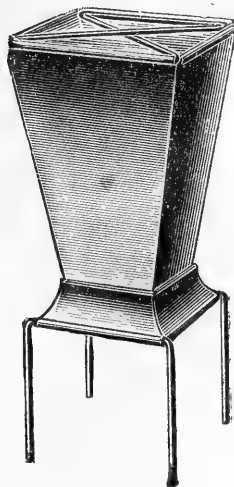
3 SPRAY VASE.

With Folding Legs.
Rivetted Stays.
Japanned Green.
Gold Tipped.



No. F254.

All tubes 7 in. deep, $2\frac{1}{4}$ in. diam.
Price: 2/6 each.



SQUARE VASE.

No. F200.

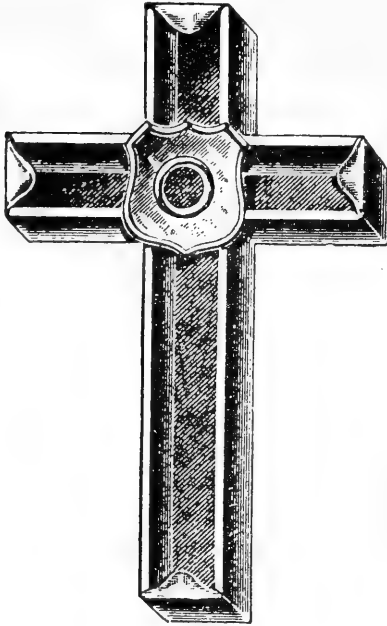
With Folding Legs
and Loose Wire Top.

Size $6\frac{1}{4}$ in. deep,
 $4\frac{1}{4}$ in. top.

Price: 2/6 each.

OPEN CROSS.

Japanned Green and White.
Gold Tipped.



No. F266.

24in. x	2in. x	2in. ...	4/6
21in. x	2in. x	2in. ...	3/-
18in. x	1½in. x	1½in. ...	2/6
15in. x	1½in. x	1½in. ...	2/3
12in. x	1½in. x	1½in. ...	2/-

OPEN WREATH.

Japanned Green.
Gold Tipped.

10-inch	...	...	3/- each.
12-inch	...	...	4/6 each.
16-inch	...	...	6/6 each.



LESTER VASE.

With Folding Wire Legs.
Loose Tops.
Japanned Green.
Gold Tipped.



No. F1019.
Size 7 in. deep,
5 in. top.
Price 2/6 each.



No. F268.

THE "CAPSTAN"

CEMETERY VASE.

Firm as a Rock.

The bottom is specially weighted and the Vase is thereby rendered stable and steady in the roughest weather.

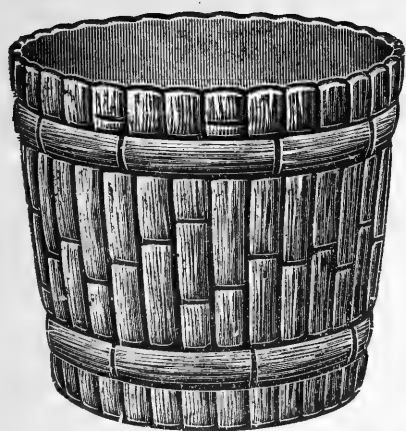
Effective and Economical.

The Grid at the top makes it possible to secure a very effective display with quite a small quantity of flowers.

Made in best quality Denby Stoneware.

Glazed Dark Green.

Price: 5/6 each. Postage 3/-. E.



"Bamboo" Bulb Bowl.
Bronze Green and Heliotrope
(Self Colours).
Price: 7in. 3/-; 9in. 5/- each. F.

"BAMBOO" FLOWER POT.

Bronze-Green and Heliotrope
(Self Colours).

Price:

5½in. 1/3; 6½in. 2/3; 7½in. 4/6 each.

Height:

4½in., 5½in. and 6½in. respectively. F.



Flower Holder.

Self Green Colour only supplied.
Height 6in. 1/6 each. F.

TERRA COTTA FLOWER POTS.



Internal Diameter	Each	Doz.	100
3in. (Sankey's) ...	3d	2/6	15/-
4in. (Sankey's) ...	5d	4/-	25/-
5in. (Sankey's) ...	7d	5/6	37/6
6in. (Sankey's) ...	1/-	10/6	85/-
7in. (Sankey's) ...	1/9	18/-	140/-
7in. (Local) ...	1/3	13/-	100/-
8in. (Local) ...	1/9	18/-	140/-
10in. (Local) ...	3/-	30/-	235/-
12in. (Local) ...	5/-	52/6	—

F.

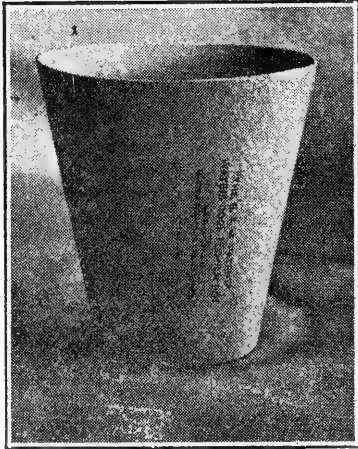
GALVANIZED STEEL FLOWER POTS.

Strong and neatly made; same shape as the Terra Cotta Flower Pots illustrated above.

Prices: 6-inch 1/-; 8-inch 1/6; 10-inch 2/-; 11-inch 2/3; 12-inch 2/6 each. F.

WE BELIEVE IN BETTER SEEDS. WON'T YOU TRY THEM?

WATERPROOF FIBRE-BOARD POTS.



Specially adapted to the growing of soft-wooded plants from seeds or cuttings, notably Sweet Peas, Dahlias, Chrysanthemums, Carnations and Tomato Plants. Being made of strong water-proof board, terra cotta colour, they are smart in appearance, and if carefully handled can be used a second or even a third time. F.

2½in. ... 1/6 doz.; 7/6 per 100

3in. ... 1/6 doz.; 8/6 per 100

4in. ... 1/9 doz.; 11/6 per 100

“Long Tom.” C.

2½in. diam. 6in. deep ... 1/9 doz; 10/6 per 100

“Long Tom.” O.

1½in. diam. 4in. deep ... 1/6 doz.; 8/6 per 100

CARNATION BANDS.

Best Grey Rubber.

Sizes 6 and 7.

Per oz 1/-; per lb 12/6

F.

GAVIN'S GRAFTING WAX.

Superior Quality.

4½ oz 1/9; 17½ oz 5/-; 35 oz 7/9

F.

FERN BASKETS

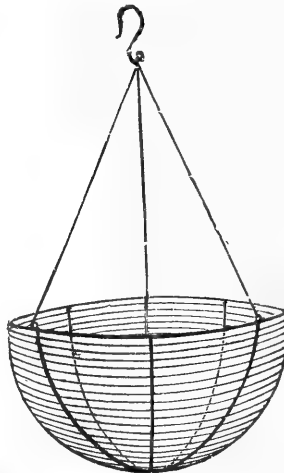
Price: each.

10in. ... 1/9

12in. ... 2/3

10in. with frills ... 2/3

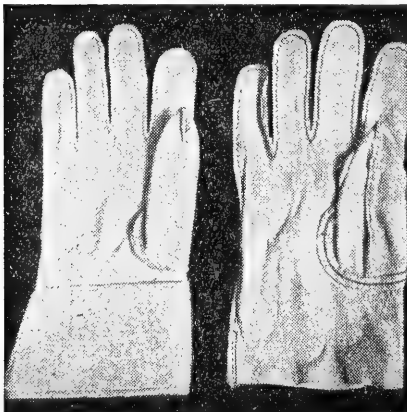
12in. with frills ... 2/9



WALL BASKET

10in. with frills, 2/3

B.



GARDENING GLOVES.

Ladies',
with stiff gauntlet,
5/- per pair.

Large Size (Small Men's), 6/- per pair.

Men's
Medium Weight,
5/- per pair.

Postage 4d. pair on all sizes.

F.

GARDENER'S PENCILS.

Woolf's Best, 6d each, posted for 8d; 5/6 per dozen, posted for 6/-

D.

BAMBOO CANES.

		2 ft.	3 ft.	4 ft.	5 ft.	6 ft.	
Weight,	lbs	3-4	4-6	12-14	24-26	28-32	per 100
Price		6d	8d	1/3	2/-	2/6	per doz.
Price		2/6	3/9	6/9	12/6	16/-	per 100

F.

HEAVY BAMBOO CANES FOR DAHLIAS, ETC.

5-ft.	Per dozen	3/-	per 100	20/-
6-ft.	Per dozen	3/6	per 100	22/6

F.

ROOIKRANS PEA STICKS.

4ft. and 5ft. lengths in bundles of 50 for 2/9; 100 for 5/-.

D.

WOODEN GARDEN LABELS.

Price per 100	5 in.	6 in.	8 in.	10 in.
Heavy quality	4/6	5/6	6/-	10/6

F.

ALUMINIUM PLANT LABELS.

The latest and best Horticultural Label, made in aluminium throughout and wired ready for use. The writing is done with an ordinary lead pencil and is imperishable.

F.

Price: Per dozen 2/6; per 100 17/6.

RAFFIA FIBRE.

We stock the best quality only, supplies are now available.

Raffia (Natural colour only).—Per lb 1/9, 5 lbs at 1/7½, 25 lbs at 1/6, 100 lbs at 1/4½, and in bales of 220 lbs at 1/3 per lb.

D.

BAST FIBRE.

An excellent substitute for Raffia in Nursery Work, Grafting, etc.

Price: Per lb 6d; 28 lbs at 4d; Bales (224 lbs) at 3d.

D.

BULB FIBRE.

Specially prepared for growing Bulbs indoors. Daffodils and Hyacinths can be easily grown in shallow bowls containing this Fibre which must be kept just moist but not too wet during the growing period. They may be started as early as February and you will be surprised how soon they will flower. Bring them close to the light when leaf growth has well started.

F.

Bulb Fibre.—Per lb 9d; 6 lbs at 8d; per sack 17/6.

PEAT MOSS.

This material is most useful to the Nurseryman and also to the Poultry Keeper. Price per lb 3d; 25lbs 3/6; 100lbs 12/6; per bale of approximately 224lbs 26/6.

F.

FLORISTS' SUNDRIES.

Adiantum Green, per oz 2/-, per lb 27/6. **Japanese Moss**, per lb 8/6. **Magnolia Leaves** (Preserved), per doz 9d, per 100 5/-. **Poppy Heads**, per doz 1/6. **Statice Incana**, per lb 8/6. **Thistle Heads**, per doz 1/6. **Tinfoil**, per 1lb roll 2/-.

CYCAS LEAVES.

	Green
8/12ins. ...	5/6 doz.
12/16ins. ...	6/6 doz.
16/20ins. ...	7/6 doz.
20/24ins. ...	9/6 doz.
24/28ins. ...	11/- doz.
28/32ins. ...	13/- doz.
32/36ins. ...	15/6 doz.

BOUQUET HOLDERS.

	2in.	3in.	4in.	6in.	9in.	11cm.	9pt.
Round, white...	—	—	—	5/-	—	—	— doz.
Round, gold ...	4/-	6/3	6/9	8/6	—	—	— doz.
Round, silver ...	4/-	6/3	6/9	8/6	—	—	— doz.
Round, assorted ...	3/6	4/-	4/9	—	—	—	— doz.
Round, fancy, with handles	—	—	—	—	4/6	—	— doz.
Shower ...	—	—	—	—	7/6	—	— doz.
Handles ...	—	—	—	—	—	—	1/6 doz.

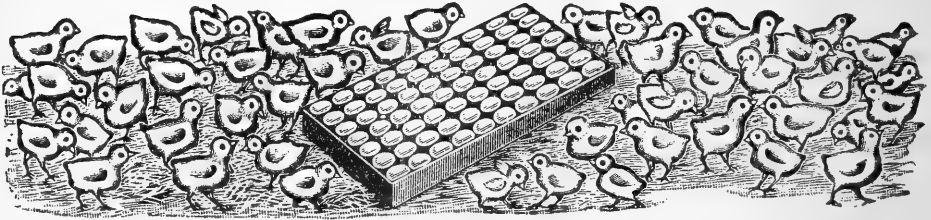
F.

FLORISTS' RIBBON.

The wide experience of our Floral Department enables us to choose quality and colours that suit the work. Florists should apply to us for samples and quotations. We carry a heavy stock and can supply your needs to advantage.

Moe's Incubators

Common Sense Machines That Produce Chicks



Construction.

California Redwood is generally conceded to be the very best material for incubators, as it is an excellent non-conductor of heat and cold, does not shrink, swell or warp under extreme changes of temperature and does not absorb moisture or odours. It is therefore used in the construction of Moe's Incubators.

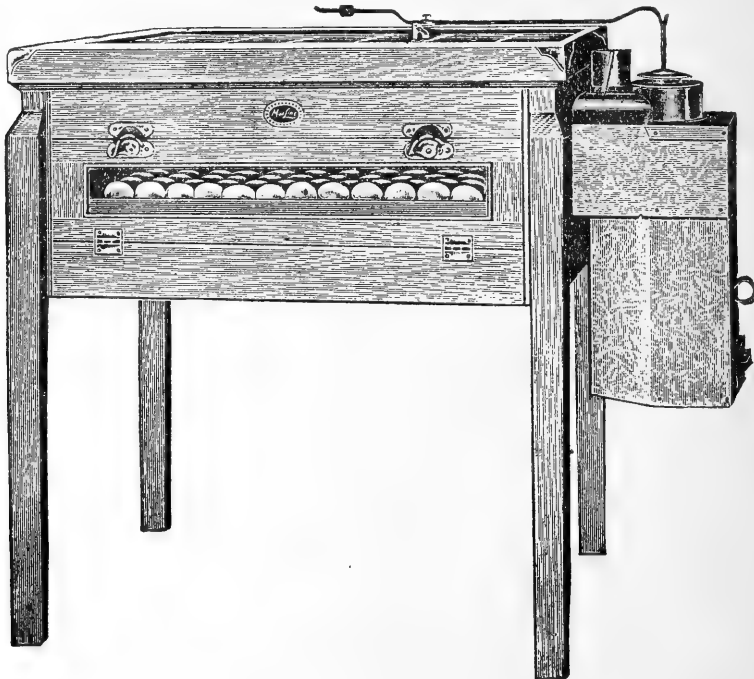
The Cabinet has thick double walls, with strong joints which will not come apart when subjected to heat and moisture. The top is solidly built and thoroughly insulated to retain the heat. The doors have double glass and are fitted with substantial hinges and fasteners. The legs are strong and detachable so that the machine can be carried through a narrow door or stored in a small space when not in use.

Insulation.

The Walls of Moe's Incubators are of double construction, with a dead air space and insulating material between the outer and inner walls.

All joints are made tight and solid, to withstand the action of moisture and temperature changes.

Perfectly insulated walls are absolutely essential and are fully provided in Moe's Incubators.



Prices:

No. E165.	Tray 15 $\frac{3}{4}$ in. x 17 $\frac{1}{2}$ in.	70 to 85 eggs	...	£5 15 0
No. E167.	Tray 21 $\frac{3}{4}$ in. x 23 $\frac{1}{4}$ in.	130 to 150 eggs	...	£7 10 0

MOE'S INCUBATORS.

Moisture.

Under ordinary conditions there is sufficient moisture in the atmosphere and in the eggs to answer all practical requirements, but in very dry climates and high altitudes it is sometimes necessary to supply additional moisture. This is fully covered in the Direction Sheet which accompanies each incubator.

Moe's System provides an even, gentle distribution of heat and constant, uniform ventilation without excessive evaporation of the moisture in the air.

Ventilation.

The correct amount of oxygen should be supplied to the eggs at all stages of incubation and Moe's System of heating and ventilation provides for this in a thoroughly practical manner. There is perfect ventilation without excessive evaporation of the moisture in the air, which would result in weak chicks and small hatches.

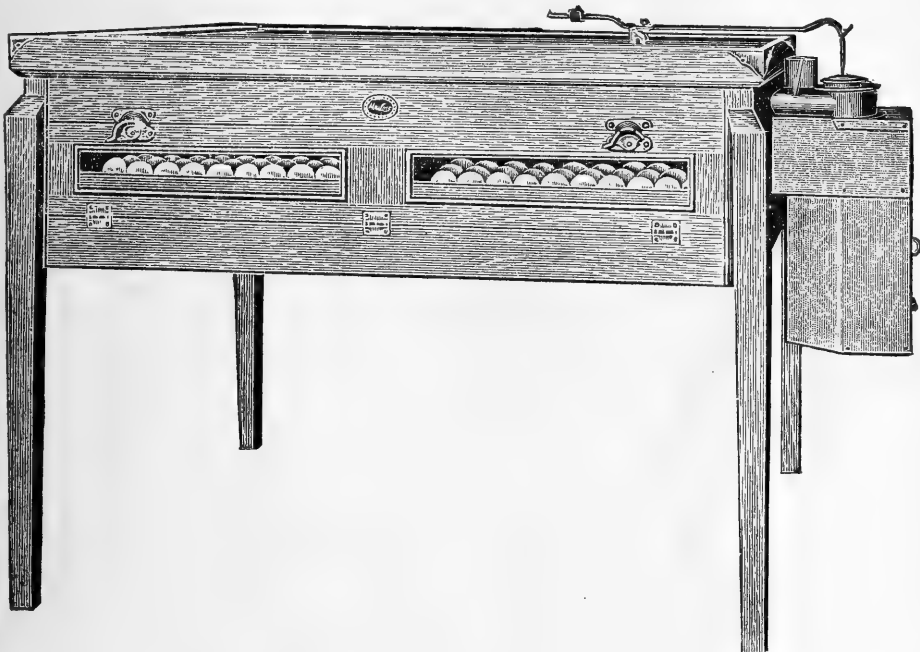
Moe's Incubators are fitted with adjustable ventilators at top and bottom. The fresh air enters the bottom of the cabinet, where it is evenly diffused to avoid draughts or a strong current which might chill the eggs. This fresh air gently circulates through the nursery and egg chamber, carrying off any poisonous fumes, gases or odour and escapes through the top ventilator openings.

The ventilator openings are adjustable, so the amount of fresh air passing through the incubator can be easily regulated to suit varying conditions.

This method has proved far superior to side ventilators or so-called automatic ventilators, which are apt to cool the sides and corners of the egg chamber and reduce the percentage of the hatch.

Temperature.

The Temperature is controlled by an automatic thermostat connected to the heater. This thermostat is sensitive to the fraction of a degree, and automatically increases or decreases the supply of heat to the incubator.



Prices:

No. E168.	2 Trays 16¼ in. x 26¼ in.	220 to 250 eggs ...	£10 0 0
No. E170.	3 Trays 16¼ in. x 27½ in.	350 to 400 eggs ...	£14 10 0

Delivered free on rail Rosebank Station or to any address within our local delivery radius.

MOE'S INCUBATORS.

Patented Egg Turning Trays.

The Egg Trays are extra heavy and substantial, of a convenient size, easy to handle. They are held rigidly in place by supports, yet can be quickly removed when required.

Bottom of tray is of heavy galvanised square mesh wire cloth which slides back and forth and turns over each egg with one operation.

All of the eggs are turned with one push or pull of the handle.

Easier, quicker and better than turning by hand.

Heavy wire bottoms will not sag and are easy to keep clean.

At hatching time gates in the trays permit the chicks to drop to the nursery trays if desired, so it is not necessary to transfer the eggs to separate trays.

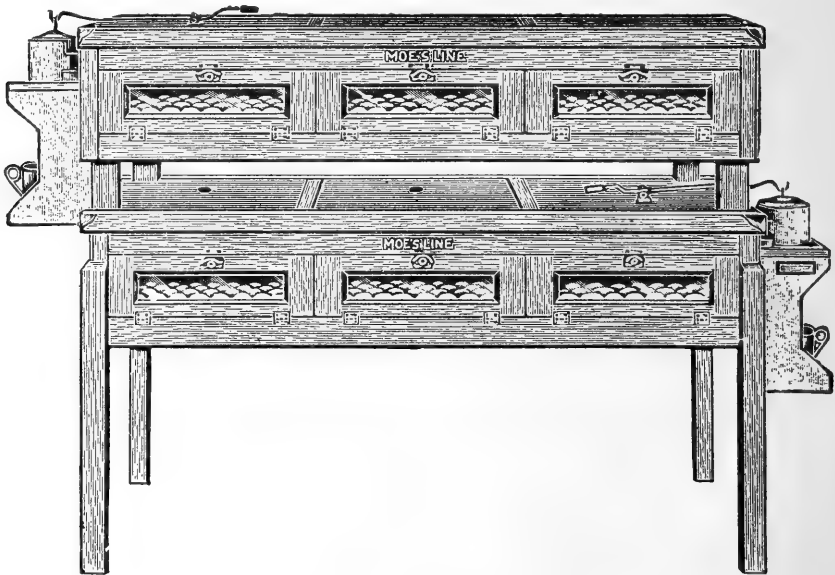
Chick Nursery.

The Nursery Trays have a strong wood frame, covered with burlap, which gives the chicks a sure footing, and prevents them from injuring their legs.

An incubator is not complete without a roomy nursery kept at the correct temperature. This is much better than having the chicks floundering in a mass of broken egg shells. Chicks should be kept in the nursery until perfectly dry before being transferred to the brooder or hover.

Double Deck Machines.

If you are wanting a larger machine this new pattern should suit you fine. It has all the advantages of the smaller unit combined with a big saving in floor space.



No. E174 Moe's Incubator.

Capacity 700 to 800 Eggs.

Floor space required 32 x 69 in.

Six Egg Trays, inside dimensions, each 16½ in. x 27½ in.

Shipping Weight (approximate) 340 lbs.

Price: £28 10 0.

Delivered free on rail Rosebank Station or to any address within our delivery radius.

For Cash With Order we will pay the railage to any Station within the Union of South Africa or you can pay the railage and take 5 per cent. discount.

AN UNSOLICITED TESTIMONIAL.

Mr. H. D. Gade, Drieangle, P.O. Maribogo, writes (12/4/33): "I am enclosing cheque and in doing so beg to state that, in the opinion of the parties for whom I ordered the incubators from you, your **Moe's Incubators** are second to none provided, as in all other cases, the eggs for incubation are fit! It is an automatic controller of heat to a nicety and gives practically no trouble, and equal to any high-priced Incubator. You are at liberty to use this unsolicited testimonial."

Hearson's

Incubator

The best in the world

For over forty years Hearson's Incubators have been giving reliable service—setting a standard for the world in Incubator requirements.

The machine is entirely automatic in regulation, giving a constant uniform hatching temperature in the egg chamber regardless of extreme changes in external atmosphere. Correct humidity and ventilation are maintained without undue variation.

Hearson's Incubator hatches every hatchable egg under ideal conditions, thus ensuring strong, healthy and vigorous chickens which are easy to rear.

Hearson's Incubators require the least expenditure in operating cost and time and can be used at any altitude and in any climate, special capsules being provided for altitudes above 1,000 feet above sea level. When ordering, the altitude should be stated.

Model No. 6—60 egg size.
(With Drying Box)

Price: £8/10/- f.o.r. Rosebank or delivered within our local delivery radius.

Less 5 per cent. for **Cash with Order.**

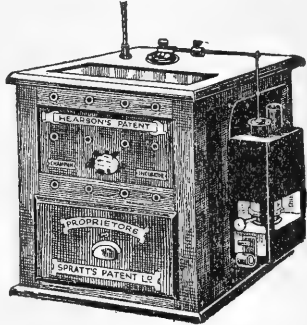
Model No. 11—120 egg size.
(With Drying Box)

Price: £12/10/- f.o.r. Rosebank or delivered within our local delivery radius.

Less 5 per cent. for **Cash with Order.**

State your altitude when ordering.

B.



THE "MODEL" IMPROVED CYCLE HATCHER.

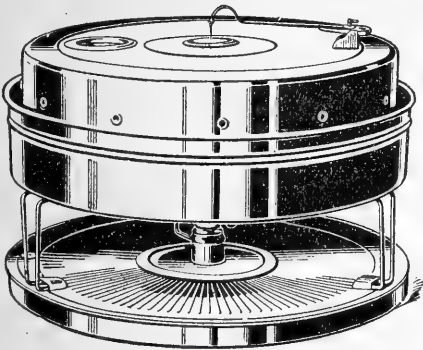
A Twentieth Century Wonder.

50-Egg Incubator Complete,
ready for operation.

Only need to fill oil well once during hatch.

Holds 50 Eggs. Constructed entirely of metal except insulation; self regulating; requires no supplied moisture; will last a life time.

Complete directions with each machine.

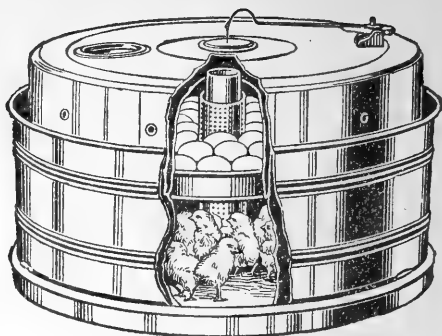
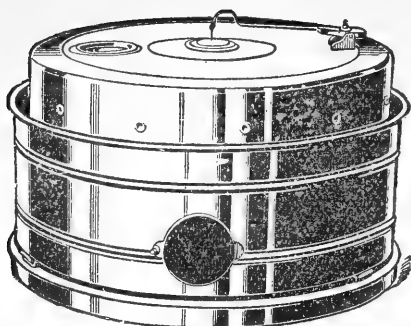


The supply of heat in the "Model" Improved Cycle Hatcher comes from the centre and is radiated in all directions, carrying with it an abundant supply of fresh heated air, which is required to travel only six inches to reach every egg in the nest. The heat is governed by a three-inch wafer regulator which is placed so close to the eggs that it is sensitive to the natural heat of the growing embryo in the egg as well as the heat from the lamp.

One grand feature of the "Model" Improved Cycle Hatcher is, there is no lifting of the top of the machine to see the thermometer. By a simple device used the operator can see through a glass window without touching it, also any stage of the hatching can be watched from the pipping to the tumbling out of the shell, a very interesting study.

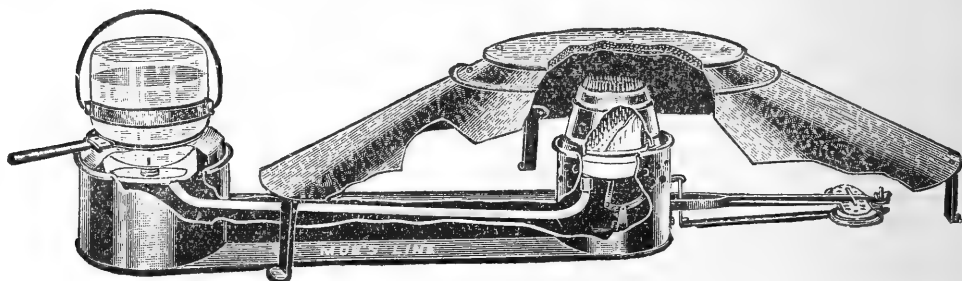
Price: Complete with long-burning safety lamp, automatic regulator, tested incubator thermometer and direction booklet, **£2 5s. 0d.** Less 5 per cent. for **Cash with Order.** Spare Wafers 3/6 each. Spare Lamp 5/-. Regulator Arm and Damper 3/-. **E.**

THE CYCLE BROODER-HATCHER.



Price: 50-egg capacity, complete with long-burning safety lamp, automatic regulator, tested incubator thermometer and direction booklet, **£2 17s. 6d.** Less 5 per cent. for Cash with Order. Spare Wafers 3/6 each. **E.**

MOE'S OIL BURNING BROODER.



Moe's Automatic Brooder uses Paraffin as fuel, and gives a steady, even warmth without fumes or gases. Has a wickless blue flame burner, with perfect combustion. Oil Reservoir is of glass, capacity one gallon.

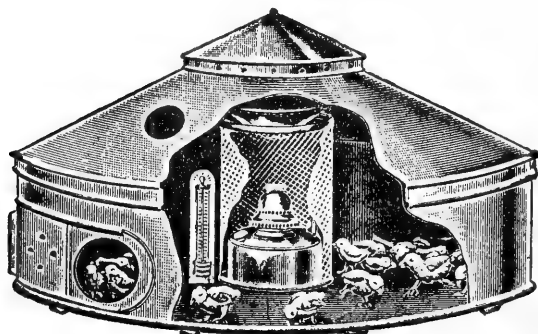
The Thermostat automatically regulates the flow of oil by raising or lowering the burner to a point above or below the oil level in the reservoir.

The Canopy is made of heavy galvanized iron, in sections knocked down, and is easily put together. A thoroughly reliable brooder, is easily adjusted to any desired temperature, and automatically maintains this temperature at all times.

No.	Size	Capacity	Weight	Price
E225	32in. Canopy	300 Chicks	36 lbs	£3 12 6
E226	42in. Canopy	500 Chicks	42 lbs	£4 5 0
E227	52in. Canopy	1000 Chicks	49 lbs	£4 15 0

The overcrowding of chickens in a brooder is always detrimental and while these brooders can take the numbers stated against each size, we recommend that only half that number be placed in them. You will certainly get better results by doing so.

THE "QUEEN MOTHER" BROODER.



Mica Window in Top.

This Brooder is a well-tested appliance, being fire-proof, vermin-proof, storm-proof. Fitted with Silver's Best Fumeless Burner (chimneyless), chick guard, sliding chick entrance, thermometer, etc.

No bottom heat, and well ventilated. All complete. Top removes for cleaning. Spare Lamps 12/6, Thermometers 3/-, Wicks 5d each, Burners 5/- each. **D.**

Price: 100-chick size £2 10s.

THE "SAFETY" BROOD COOP.

Sent
out
flat.



Quickly
set
up.

Made of best quality galvanized iron. The bottom is removable for cleaning purposes.

Provides a safe shelter for the hen and her chicks.

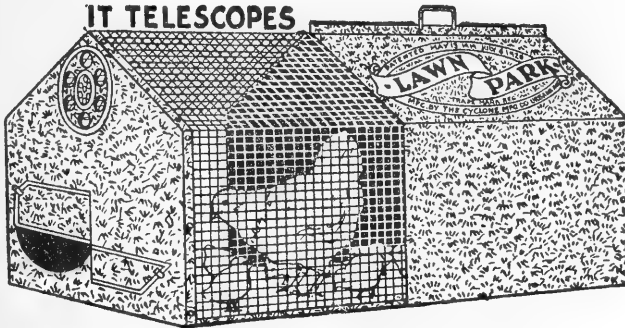
The combination door can be adjusted to keep the hen and chicks in or to let the chicks free without the hen or to give both their freedom. Ample ventilation is provided.

No. E49. Size: 16 in. wide, 23 in. long, 16 in. high. Price: 15/- each.

THE "LAWN PARK" COOP. Saves the Chicks.

IT TELESCOPES

Gives
Perfect
Ventilation
and
Sanitation.



The Park
Pushes in
Like a
Bureau
Drawer.

(Park Extended.)

The wire pulls out like a bureau drawer and is made from heavy galvanized hardware cloth. The main coop made from strong 28 gauge galvanized iron. Size of coop: when park is fully extended as shown in cut above, it is 18 inches wide, 19½ inches high and 48 inches long. When park is closed down it is 24 inches long. A small door is provided to let small chicks only have full range as desired. E.

Protects the Chicks from Hawks, Rats, Weasels, Vermin, Cold, Storms, etc.

Price 25/- each.

MOE'S PEERLESS FEEDERS.



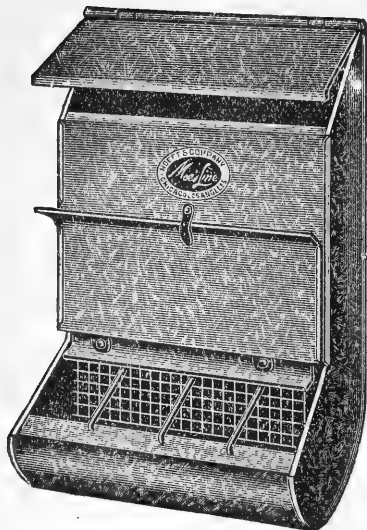
Moe's Peerless Feeders for chicks and growing fowls. Made of heavy galvanized steel, with a large capacity and perfectly suited for either large or small flocks. The magazine or hopper is adjustable up or down for different kinds of mash and feed and can be set to feed slowly or rapidly.

Has a removable cover, so it is easy to fill, and the bottom is cone-shaped so the contents will not clog.

The slotted openings are accurately formed with turned-over edges to prevent any injury to the fowl. The vertical feeder holes also make it impossible for the chicks to foul or waste the feed. Thirty chicks can feed at one time.

No. F192. Peerless Feeder. Diameter of base 12 in. 30 feeder holes. Diameter of magazine 9½ in. Total height 12 in. Capacity 10 qts. Packed 1 in a carton. Shipping weight 6 lbs. Price 11/6 each.

THE "SUPER" DRY MASH HOPPER.



A Dry Mash Hopper of great merit, made of heavy galvanized iron. All parts accurately stamped with dies. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at the bottom—prevents the feed from clogging.

The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed.

The sloping top prevents them from roosting on the hopper.

When both covers are closed it is rat, mouse and weather proof.

No. F35. 19 in. high, 8½ in. wide,
2½ gallons. 11/6 each.

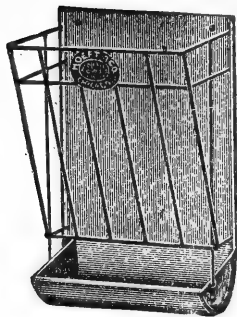
No. F36. 19 in. high, 12 in. wide,
3½ gallons. 13/6 each.

GRIT AND SHELL BOX.

This splendid grit hopper has two compartments and is made of strong galvanized iron.

No. F45. Height 8 in., width 5 in.

Price: 3/6 each.



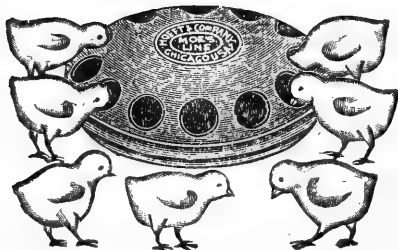
POULTRY VEGETABLE RACK.

Made of best quality galvanized iron, with galvanized wire rack. A practical device for holding roots, cabbages, sprouted oats, lucerne, etc. It prevents scattering and wasting the food.

The feed saved soon pays for the rack.

No. F44. Price: 6/6 each.

THE "BABY" CHICK FEEDER.



An ideal Feeder for very young chickens.

A great feed saver, and can also be used for water or milk. Accurately stamped with dies. Top fits snugly, yet is easily taken off for filling and cleaning.

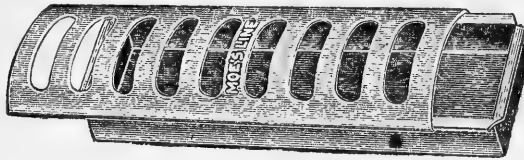
No. F11. Diam. 6in. with 8 holes.
Price 1/- each. Postage 4d extra.

Per doz. 10/6. Postage 2/6 extra.

No. F12. Diam. 8½in. with 12 holes.
Price 1/6 each. Postage 6d extra.

Per doz. 16/- . Postage 4/6 extra.

MOE'S SANITARY FEEDING TROUGHS FOR FULL GROWN MATURE FOWL.



For Full Grown Chickens. These feeders are much larger than ordinary chick feeders, as they are designed for growing pullets and full grown fowl.

The feeder openings are wide and large, just the right size and shape, and in just the correct position to accommodate full grown birds, and to prevent waste.

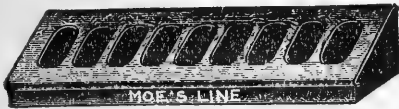
Intended primarily for feeding wet or dry mash, but can also be used for water.

Made of best quality galvanized steel, accurately stamped with dies, and the edges of the slotted openings are turned over and smoothly finished. No sharp or rough edges to injure the head or comb. A good, practical and economical way to feed mash.

Prices: F21.—12in. long, 5in. wide, 2/6 each.

F22.—18in. long, 5½in. wide, 3/- each.

SINGLE FEEDING TROUGH.



For chicks and growing stock. Accurately stamped with dies. No rough edges, and can be hung on the wall. Sliding top.

No. F55. Length 12in. ... Price: 2/3 each.

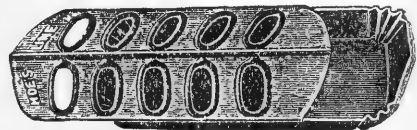
No. F56. Length 18in. ... Price: 3/- each.

THE "ECLIPSE" FEEDING TROUGH.

For chicks and growing stock. Accurate stampings. No seams, rivets or solder. Sliding top, easy to fill and keep clean.

No. F27. Length 10in. ... Price 1/6 each.

No. F28. Length 20in. ... Price 2/3 each.



BOTTOM FILL FOUNTAINS.



The round taper shape prevents damage from freezing. Made in two pieces accurately formed. Easily filled and cleaned.

No.	Capacity	Each
F19	1 Quart	2/3
F20	2 Quarts	3/-
F24	1 Gallon	3/9

THE "PERFECTION" WALL FOUNTAIN.



Practical and convenient fountains. Heavy galvanised iron.

No. F26. Capacity 1 gallon, with removable bottom so can be easily cleaned.

Price: 5/9 each.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

THE "SOLO" FOUNTAIN.

USE YOUR OWN BOTTLE.

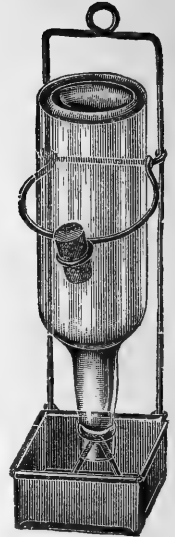
Zinc Hinged Base and Wire Back. Will hold any pint wine or spirit bottle.

(Please note we do not supply the bottle.)

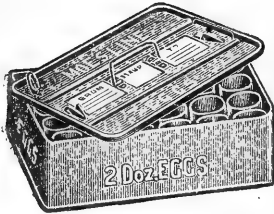
"Solo Fountain," to hold one bottle, 2/- each.

"Twin Fountain," to hold two bottles, 2/9 each.

E.



MOE'S METAL EGG BOXES.



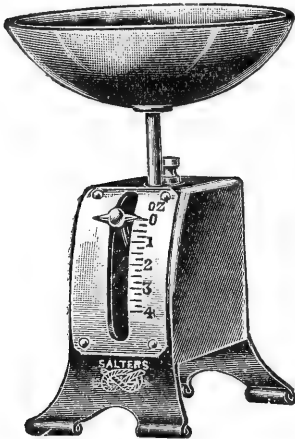
Moe's Egg Carriers made of smooth galvanized sheet steel, with rounded corners, and properly constructed to absorb and resist shocks from all sides.

A light, strong and durable egg box designed principally for safe Parcel Post shipments. Fitted with heavy cardboard fillers, or individual egg containers so each egg is fully protected. If the eggs run small we recommend wrapping them in paper to insure additional safety.

Reversible address cards are held firmly in the cover, for going and return address, and space for stamps. Simple and secure fasteners which may be sealed if desired with soft wire.

No. F245, carries 2 dozen eggs. Price 10/6. Postage 1/6.
No. F246, carries 4 dozen eggs. Price 12/6. Postage 2/-.

SALTER'S EGG SCALE.



No. F18 E.

To weigh 4 oz. x $\frac{1}{4}$ oz.

7/6 each. Postage 4d. extra.

EGG AND CHICK BOXES.

No. E53.

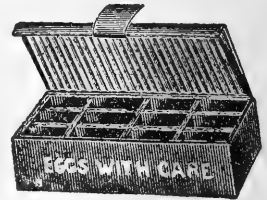
15 Hen Egg Size.

Price 1/3 each.

Postage 4d.

Per doz. 12/-

free on rail.



No. E54.

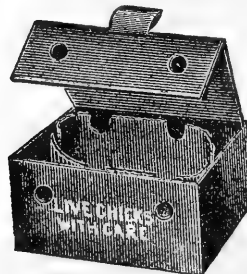
12 Chick Size.

Price 1/- each.

Postage 4d.

Per doz. 10/6

free on rail.



Made in Double-faced Corrugated Cardboard, labelled ready for destination. Cheap yet serviceable.



THE "IDEAL" DAY OLD CHICK BOX.

For sending live chicks by post or rail. Absolutely safe and very light though strong. The finest box we have seen for this purpose.

To carry 12 chicks.

Price:

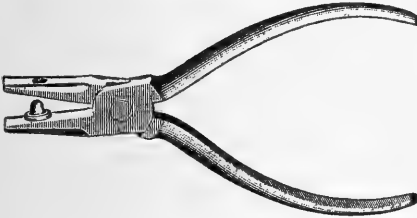
1/6 each, 15/- dozen.

Postage extra:

6d on one; 4/6 on a dozen.

E.

SEALER FOR "ATLAS" BANDS.



Style No. F305S.

Made specially for sealing Tube rivet bands. The only plyer which can be used for fastening these bands perfectly.

6 in. size.

Price 10/6 each.

Postage 4d.

"ATLAS" SEAL LEG BANDS.



Style No. F305-A.

The original aluminium tube rivet leg band. The rivet and band are made of one solid piece of aluminium. Very easy to apply. It is impossible to remove this band unless it is totally destroyed. Requires a special plyer for sealing. Furnished with three holes making band adjustable, to fit all breeds.

Price:

Doz. 1/-, 100 6/6, 1000 55/-.

Post Free for Cash with Order.

SPIRAL PATTERN CELLULOID POULTRY RINGS.



Eight Colours.

Post Free

Sizes:	2 and 3	5 and 6	7 and 8
Prices:	1/9	2/9	3/3 per 100
For	Chickens	Hens	Cocks G.

FLAT BAND CELLULOID POULTRY RINGS.

Numbered. Price: 1/- per doz.; 6/- per 100. Post free. Size 6 and 7 only. Five colours. G.

SEAL WING BANDS



Style No. F580.



Style No. F176.

Has soft lead rivet for sealing. Impossible for this band to come off. Any small plyer can be used to seal this band. Price: Per 100, 7/6; 1,000 65/- Post free if Cash is sent with Order.



Showing
Different
Toe Marks



For Toe Marking Young Chicks. Price 1/- each, post free. . F.



No. F39.

Moe's Ideal Punch. A new improved punch, scissors type. Works easily, cuts clean and does not pinch the foot.

Convenient to carry in vest pocket, and the lower end is an excellent cigar cutter.

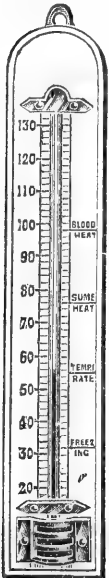
The illustration shows the different marks that are possible in toe punching.

Nickel Plated Finish. Length 3½ in.

No. F39. Ideal Punch. Price 3/- each, Postage 2d.

SPARE PARTS FOR MOE'S INCUBATORS.

	Price each.		Price each.
Lamps, complete, all sizes	... .. 17/6	Regulator Clevis	... .. 3/6
Lamp Bowls	... .. 8/9	Regulator Adjusting Screws	... 1/3
Lamp Burners, Single 6/6; Double	7/6	Regulator Dampers	... .. 1/3
Lamp Chimneys	... .. 4/6	Fulcrum Pins with Nuts	... .. 2/-
Lamp Wicks, Red Felt		Regulator Capsules or Wafers	... 3/6
3/-, 4/-, 5/- doz.	4d., 5d., 6d.	Drain Caps for Tank	... .. 1/9
Thermometers	... .. 6/9	Moisture Guides	... .. 8/6
Thermometer Holders	... .. 1/-	Incubator Legs	... .. 7/6
Regulator Rods	... .. 6/6	Regulator Fulcrum Pipe	... .. 3/6
Regulator Needles	... .. 1/6		



WALL
THER-
MOMETER.

No. F100.

Price: 3/6.

Postage 6d.

INCUBATOR DRAWER THERMOMETERS.

FD130. Straight Tube, 8 inch, 3/6. Postage 6d.

INCUBATOR TANK THERMOMETERS.

FT130. Straight Tube, 13 inch, 5/-. Postage 1/-.

FT130. Straight Tube, 16½ inch, 7/6. Postage 1/-.

INCUBATOR CAPSULES.—Square (for any make), 4/- each. Postage 3d. (State altitude when ordering). F.

INCUBATOR CAPSULES.—Square (Hearson's) 10/- each (state altitude). Postage 3d.

INCUBATOR CAPSULES.—Round (Moe's), 3/6 each. Postage 3d. Larger, for Brooders, 4/6. Postage 4d.

INCUBATOR CAPSULES.—Round (Cycle), 3/6 each. Postage 3d.

We have a very big stock of capsules—if not listed above, please tell us what you need, probably we can supply it.

INCUBATOR WICKS.

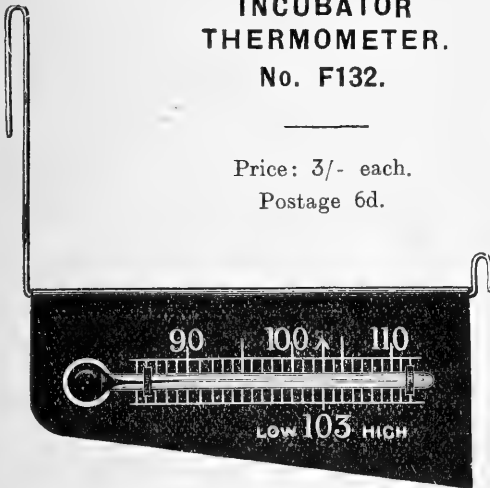
Specially treated by Stemp's Process.

Price: $\frac{3}{8}$ in., 4d. each; $\frac{5}{8}$ in., 5d. each; $\frac{7}{8}$ in., 6d. each; post free.

E.

INCUBATOR THERMOMETER. No. F132.

Price: 3/- each.
Postage 6d.

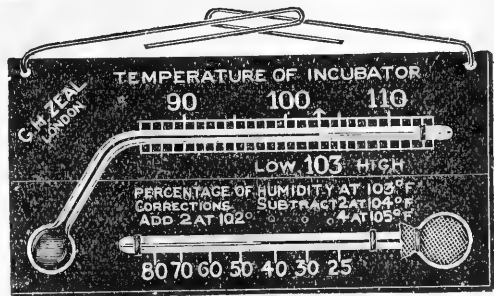


HUMIDITY GAUGES.

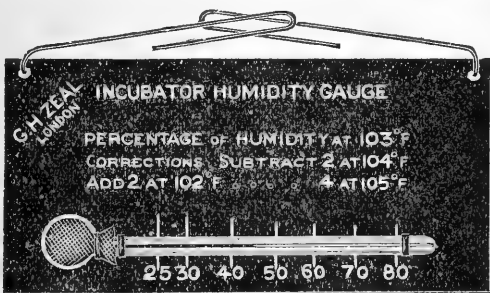
Few Poultry Breeders appreciate the important part played by the moisture conditions in an Incubator. Large numbers of chicks die in shell every year, due almost entirely to the lack of a correct percentage of moisture during the Incubation period.

Points to be observed when using the Humidity Gauge.

I.—The Tank must be kept filled with clean water (preferably rain-water), and the cotton wick which conveys the water to the bulb must be kept clean, otherwise the moisture will not syphon to the bulb. Should the wick become clogged, it should



No. F1. Price: 10/6, postage 6d.



No. F2. Price: 7/6, postage 6d.

be replaced by a new one, supplied with each instrument.

II.—The instrument should be placed in the egg trays, so that it takes the place of one of the eggs and records the actual conditions which surround the eggs.

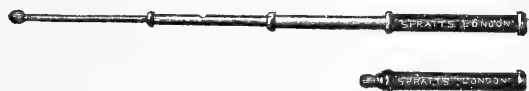
JUDGING STICKS.

Telescopic Principle. No. E4.

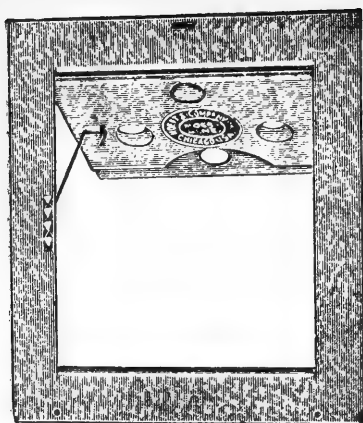
For Poultry (Four Joints).

Price: 7/6 posted.

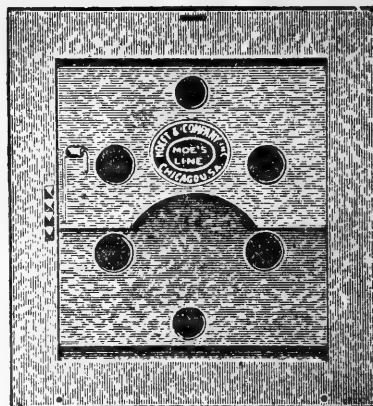
Smaller: For Pigeons, etc., 7/6.



FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.



**TRAP
NEST
FRONT**



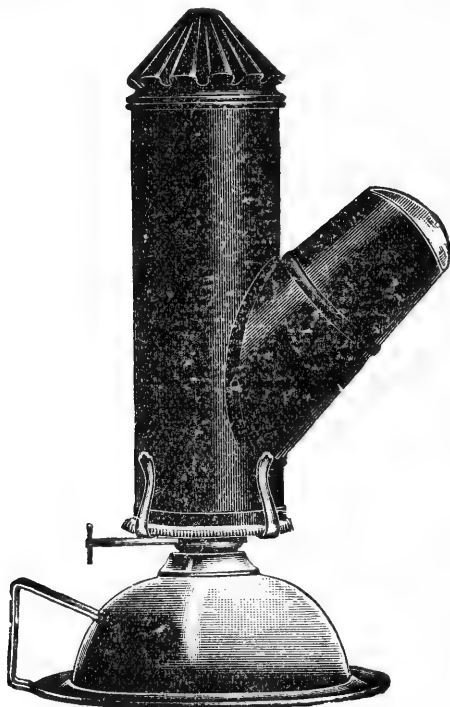
Open.

No. F63.

Closed.

Effectively traps the hen, yet allows ample ventilation.

Door is hinged, making it easy to remove the hen or clean the nest.
Dimensions: 11in. wide by 12in. high. Size of opening 8in. by 9in. Can easily be fitted to an ordinary box or nest. **Price:** 4/6 each.

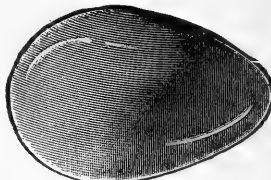


EGG TESTING LAMP.

With brass oil container and powerful lens, complete as illustrated. No. F45a.

Price: 9/6 each.

CHINA NEST EGGS.



White porcelain, natural in appearance and uniform in size. Will not easily break.

They induce the hen to lay where she should—in the nest provided for her.

No. F67.

Price: 3d each, 2/6 per doz.

Postage 2d each, 6d per doz.

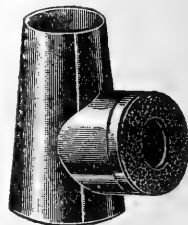
MOE'S EGG TESTER.

To test the fertility of eggs during the period of incubation. Used with an ordinary lamp in a dark room.

It will illuminate the interior of the egg and show if the chick is alive, and also shows the size of air cell in the egg. Made in one size only.

No. F48. Moe's Egg Tester, 2/6 each.

Postage 4d.



THE POULTRYMAN'S HANDY SCRAPER.

A very useful implement for quickly cleaning off the dropping boards in poultry houses. It is double sided, the rake being used daily for removing droppings while the back is used as a scraper when the boards are to be re-sanded.

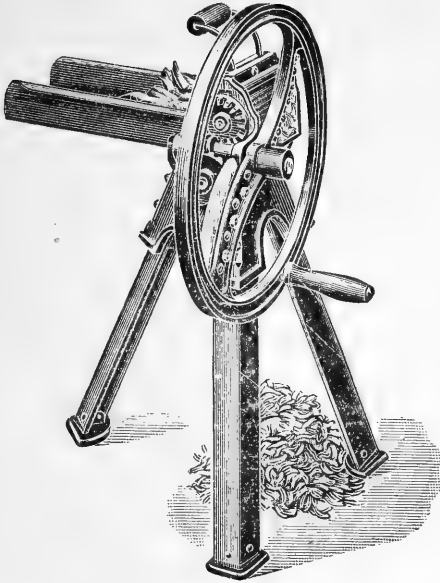
No. F51.

Price: 3/6 each.



POULTRY FOOD CUTTERS.

**TURN
YOUR
WASTE
INTO
MONEY.**



VEGETABLE CUTTERS FOR LEAVES AND STALKS

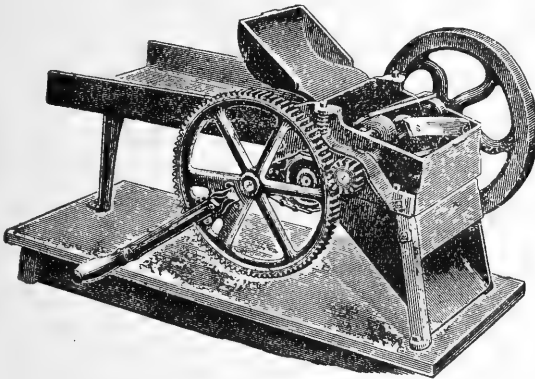
These machines have been specially designed to cut Green Foods, Roots and Vegetables, Cabbage, Beet Root leaves, Green Clover, etc., for Poultry and Chick food and turn all kinds of suitable Kitchen Waste to good and profitable use.

A Boy can cut finely 50 to 60 lbs. of Cabbage, Beet Root, Fodder, etc., in an hour.

The machines are substantially built (not a toy) and are fitted with rising mouth and 2 knives.

No. D20.	Mouth 5in. wide.	Without Legs.
No. D21.	Mouth 5in. wide.	With Legs.

Weight	Price.
28 lbs.	£2 5 0
48 lbs.	£3 3 0



"NEW MODEL" GREEN-FOOD CUTTER.

Removable Steel Knives—Adjustable Cutter Bar—Runs Easy—Cuts Fine—Is Durable.

Price: £5 5s.

The "New Model" Clover Cutter cuts either green or dry, such growths as Clover, Lucerne, Vegetable Tops, etc., into $\frac{1}{8}$ inch lengths. These growths are the cheapest and most productive egg-forming poultry foods for cold weather. They return big profits when reduced to a fine, easily-digested mass.

The "New Model" is made only of iron and steel, from entirely new patterns. It is a strong feeder, has large capacity, runs unusually easy and will do perfect work indefinitely. The machine is intended to be mounted on a box or bench at any height to suit the operator.

Length over all 28 $\frac{1}{2}$ inches. Weight knocked down 70 lbs.

D.

"KUDU" WOOD PRESERVATIVE.

This is specially useful for treating the timber work of Fowl Houses and Fowl Runs, as well as fencing posts and all farm timber. The cost is insignificant but the saving in the life of the timber is exceptional and it destroys all vermin that breed in and around the timber. This is the most effective remedy for Tampans in poultry. If a new house is treated at the time of erection and once a year afterwards you are never likely to have them. Old houses should be treated every three months until clean and then once a year.

Price: 4/6 per gallon.

D.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

STARKE'S "KUDU" BRAND POULTRY & BIRD FOOD MIXTURES.

We manufacture a complete range of Poultry Food Mixtures, every one of which is properly balanced and carefully prepared for the special purpose for which it is intended. We give below a list of these mixtures with prices against each and we can send you our Poultry Book which will give you information regarding the best way of using these mixtures. The Poultry Book was printed in January 1930 and sent to all names on our list at that time. If you have not received a copy, or have mislaid it, ask for another!

Starke's Mixed Poultry Grain.—A sound and genuine mixture of all the best grains and other suitable ingredients that will maintain poultry in the best of health and thus secure the highest possible egg yield. It is mostly used as the evening feed but may be fed at any time according to the feeding system in use. The nutritive ratio is correct for best results. **Retail Prices:** 8 lbs 1/-, 25 lbs 2/6, 50 lbs 4/9, 100 lbs 8/9, 200 lbs 16/6, 2000 lbs £8.

Starke's Poultry Meal.—This is the best Laying Meal ever made because it is so formulated as to promote health and vigour in the stock birds. We do not advocate a highly stimulating meal for egg production. We believe in sound food properly used. Feed for health and you will get eggs and plenty of them. That is the natural way, is it not? **Retail Prices:** 5 lbs 1/-, 10 lbs 1/6, 25 lbs 2/9, 50 lbs 5/3, 100 lbs 9/9, 200 lbs 18/6, 2000 lbs £9.

Starke's Hen-Tonic.—This is a tonic, as the name implies, and the very thing for laying hens when the system needs toning up. Don't give condiments, they are harmful. Starke's Hen-Tonic is a concentrated food and not a condiment; add 10 per cent. of it to the mash when you think it is needed and omit it as soon as you think the birds have regained full vigour. **Retail Prices:** 5 lbs 1/6, 10 lbs 2/9, 25 lbs 6/-, 50 lbs 11/-, 100 lbs 20/-, 200 lbs 37/6.

Starke's "Chix."—This is a grain and seed mixture, for young chickens, which may be fed from shell to maturity. It is correctly balanced for young, growing birds and is made in three grades. It grows the best chickens, try it.

Retail Prices: No. 1 (1st month): 5 lbs 1/-, 10 lbs 1/9, 25 lbs 3/9, 50 lbs 7/-, 100 lbs 13/-, 2000 lbs £12.

No. 2 (2nd month): 5 lbs 1/-, 10 lbs 1/6, 25 lbs 3/6, 50 lbs 6/6, 100 lbs 12/-, 2000 lbs £11.

No. 3 (3rd month): 5 lbs 1/-, 10 lbs 1/6, 25 lbs 3/3, 50 lbs 6/-, 100 lbs 11/-, 2000 lbs £10.

Starke's Chicken Meal.—A meal mixture for young chickens. It is formulated and prepared with the same care as our other mixtures and it is very popular with Poultry Farmers on account of the wonderfully healthy birds they rear with its aid. **Retail Prices:** 5 lbs 1/-, 10 lbs 1/6, 25 lbs 3/6, 50 lbs 6/-, 100 lbs 11/-, 2000 lbs £10.

Starke's Mixed Poultry Grit.—Grit is essential to the well-being of all poultry and, although we use a suitable proportion of it in our mixtures, many breeders like to keep a grit box before the birds at all times, in addition to that which is in the mixtures, as an extra precaution, because it is so important to the health of the birds. There are many kinds of grit and we make a mixture of them including bone and charcoal. This is just the mixture they need! **Retail Prices:** 5 lbs 1/-, 10 lbs 1/6, 25 lbs 2/6, 50 lbs 4/6, 100 lbs 8/6.

Starke's Homergrit.—This mixture was originally prepared for Homing Pigeons but is just right for young chickens also. Prices are exactly the same as for Starke's Mixed Poultry Grit.

Starke's Mixed Bird Seed.—Cage birds need a balanced food for the same reasons as poultry need it. They can not be happy unless they are in good health and they will not remain in good health unless they have the right food. This is a seed mixture in which only the very best ingredients are used and they are in correct proportion and in every way suitable for all seed-eating cage birds. **Retail Prices:** 1 lb carton or bag 6d, 2½ lb bag 1/-, 5 lbs 1/9, 10 lbs 3/6, 25 lbs 7/6, 50 lbs 14/6, 100 lbs 27/6.

Starke's Parrot Food.—Why should "Polly" not have the best food too? This mixture is just as carefully prepared as all our other mixtures and "Polly" will be grateful for this extra attention. The price is right too! **Retail Prices:** 1 lb 6d, 5 lbs 2/-, 10 lbs 3/9, 25 lbs 7/6, 50 lbs 13/6, 100 lbs 25/-.

Starke's Racing Mixture.—The Racing Pigeon has a big task to perform and requires great muscular powers for its successful performance. These birds must be fed right from the beginning. It is useless to begin a week or two before the race. They must be fed right all the time and not only in the racing season. This mixture is correctly formulated for the best performance by one who has flown them with great success. **Retail Prices:** 25 lbs 4/6, 50 lbs 8/-, 100 lbs 15/-, 200 lbs 28/6.

Prices fluctuate—please ask for latest price list.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

STARKE'S DOG BISCUITS.

Every good dog knows that Starke's Dog Biscuits are a vital necessity for his welfare. If yours is a good dog, try him! Give him one and see what he does with it. We believe he will not disappoint you. But quite apart from what your dog knows, you, his master, know, or ought to know, that a good hard biscuit is a necessity for every good dog and that it is your duty to provide it. There are no better Dog Biscuits than Starke's, try them. Like our Poultry Foods, these biscuits are made according to a properly balanced prescription—they provide what the dog needs to keep fit!

Starke's Dog Biscuits: Per 6-lb bag 3/-; 25-lbs 11/9; 50-lbs 22/6; 100-lbs 42/-.

Starke's Special Hound Meal: Per 25-lbs 6/-; 50-lbs 10/-; 100-lbs 17/6.

Spratt's Dog Biscuits: Per 7-lb bag 4/-; 56-lbs 31/6.

Spratt's Puppy Biscuits: Per 7-lb bag 4/-; 56-lbs 31/6.

SUNDRIES FOR POULTRY AND PETS.

Ants' Eggs.—Largely used for feeding to Gold Fish. Per oz 9d; 4-oz 2/3; 1-lb 7/6.

Karswood Spice.—For Poultry. Per ½-lb 1/-; 1-lb 2/-; 7-lbs 12/6.

Spratt's C.L.O. Cage Bird Food.—Per ½-lb tin 1/-, Postage 6d.

Spratt's Red Colour Food.—For Canaries. Per 2-oz tin 1/-, Postage 2d.

Spratt's Fish Food.—For the aquarium. Per pkt 4d; per doz 3/6.

Crayfish Meal.—For Poultry. Per 10-lbs 1/9; 25-lbs 3/3; 100-lbs 10/6.

Meat Meal (Sterilized).—For Poultry. Per 10-lbs 2/6; 25-lbs 5/-; 100-lbs 16/6.

Meat and Bone Meal.—For Poultry. Per 10-lbs 2/6; 25-lbs 4/6; 100-lbs 13/6.

Monkey Nuts.—For Parrots. Per 1-lb 6d; 2½-lbs 1/-; 10-lbs 3/6; 25-lbs 7/6.

Pop Corn.—Per 1-lb 6d; 2½-lbs 9d; 25-lbs 5/6; 100-lbs 17/6.

STARKE'S "KUDU" BRAND STOCK FOODS.

Starke's "Kudu" Calf Meal.—No animal needs more careful feeding than a young calf which has to be weaned from its natural food on to a substitute. "**Kudu**" Calf Meal is the most reliable Milk Substitute ever produced. It is not made from by-products and the residue of other foods but from good and sound ingredients and it is correctly balanced to replace the mother's milk. Full directions are sent in every bag. **Retail Prices:** 25 lbs 6/6, 50 lbs 11/-, 100 lbs 20/-, 200 lbs 37/6, 2000 lbs £17 10s.

Starke's "Kudu" Dairy Meal.—Here again we offer, not waste products, but a sound and properly balanced food. It is specially formulated for the greatest milk production, not at the expense of the cow's constitution, but by feeding the animal right so that she can give her best possible return and maintain her own condition at the same time. The price is right too, very little dearer than bran which is not by any means a complete food. We give the registered analysis: Protein 15 per cent.; fat (ether extract) 5 per cent.; fibre 10 per cent.; moisture 9 per cent.; ash 6 per cent.; lime 1 per cent.; phosphoric oxide 1.4 per cent. **Retail Prices:** 25 lbs 2/6; 50 lbs 4/-, 100 lbs 7/-, 150 lbs 10/-, 2000 lbs £6 10s.

GENUINE BOER MEAL.

It may be difficult to get the genuine article elsewhere but we can provide it. Ground at our Moorreesburg Mills from pure South African Wheat. It is the very best quality and the price is right too.

	Packed 5-lbs	10-lbs	25-lbs	50-lbs	100-lbs	200-lbs
Mowbray Prices	1/3	2/2	4/-	7/6	14/-	26/6
From Moorreesburg direct ...	—	—	—	7/4	13/9	26/-

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

COUNTRY HOUSEHOLDS.

This is a high-grade flour of the "Households" type, best for home baking and it makes very nice pastry too. Try it!

	Packed 5-lbs	10-lbs	25-lbs	50-lbs	100-lbs	200-lbs
Mowbray Prices	1/5	2/9	5/6	10/-	18/6	35/6
From Moorreesburg direct ...	—	—	—	9/9	18/3	35/-

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

Feed Your Pets

ON

Properly Prepared Food

Birds in the natural state with full freedom are not dependent upon man for the selection of their fare.

They follow their natural instincts and eat only the food that is well suited to their digestive anatomy.

Nature provides the food in great variety for them to choose from and they make no mistake in their choice of it.

You do not want your Cage Bird to fare worse than its fortunate relative in freedom.

But you may not know exactly how to balance up the nutritive ratio to keep the birds in health so that they can enjoy life as they would in their natural state.

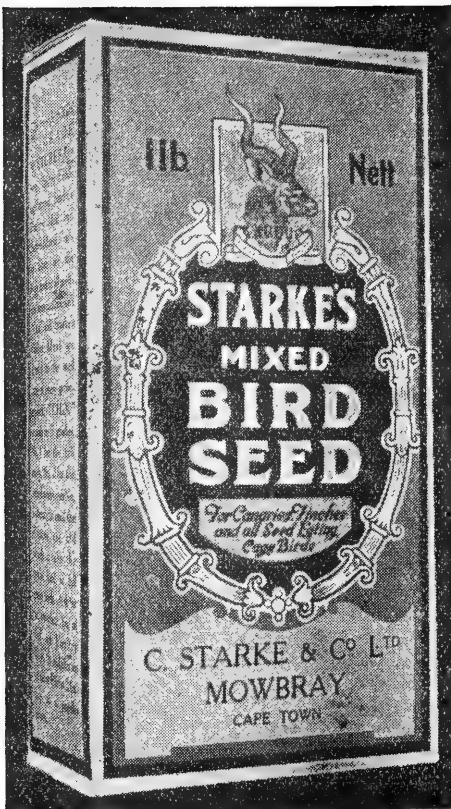
Starke's Mixed Bird Seed

is a properly formulated mixture in which the welfare of the bird has been the first and last consideration.

You can feed it with confidence, knowing that you are doing your duty faithfully towards your favourite pets.

BUY A PACKET FROM YOUR GROCER TO-DAY.

Only 6d. for a 1 lb. packet.



You buy a Carton like this for 6d.

From your nearest Grocer in Cape Town or Suburbs. It is full weight, **1 lb. Nett.**

In Country Towns it may cost a trifle more to cover transport.

If you have any difficulty send your order direct to the manufacturers and mention the name of your regular dealer.



BUDGERIGAR MIXTURE.

This is our latest production in the bird food line. It is carefully formulated and contains all the ingredients that are needed to keep these lovely pets in good health. It is a great mistake to feed any grain or mixture that the birds will eat. They must have just what is best for them and no other. Try this mixture and you can be sure that you are giving your pets the best chance in life.

Price: Per lb 6d, 2½ lbs 1/-, 5 lbs 1/9, 10 lbs 3/6, 25 lbs 7/6, 50 lbs 14/6, 100 lbs 27/6.

Prices fluctuate—please ask for latest price list.

Rural Books.

A Catalogue of Practical Works on Agriculture and Horticulture for Farmers, Stock Raisers, Dairymen, Fruit Growers, Gardeners, etc.

All prices are based on the latest quotations from the various publishers, but are subject to such reduction or increase as may be imposed on us by the publisher concerned.

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